

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN022519\
 Data File : VN053944.D
 Acq On : 25 Feb 2019 21:50
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 26 06:21:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 05:37:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	631363	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1044741	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	915255	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	426743	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	379346	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	
35) Dibromofluoromethane	7.59	113	335539	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	
50) Toluene-d8	10.09	98	1242750	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	
62) 4-Bromofluorobenzene	12.40	95	414166	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	286970	49.387	ug/l	99
3) Chloromethane	2.06	50	411140	51.011	ug/l	100
4) Vinyl Chloride	2.18	62	407764	50.494	ug/l	98
5) Bromomethane	2.57	94	249716	46.692	ug/l	99
6) Chloroethane	2.71	64	246427	49.066	ug/l	99
7) Trichlorofluoromethane	3.02	101	511197	49.551	ug/l	99
8) Diethyl Ether	3.41	74	198728	51.415	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.76	101	310030	47.582	ug/l	94
10) Methyl Iodide	3.95	142	463237	54.106	ug/l	98
11) Tert butyl alcohol	4.78	59	119207	254.076	ug/l	98
12) 1,1-Dichloroethene	3.74	96	307824	49.390	ug/l	93
13) Acrolein	3.61	56	125957	259.299	ug/l	100
14) Allyl chloride	4.32	41	561918	51.404	ug/l	95
15) Acrylonitrile	4.99	53	649063	262.481	ug/l	100
16) Acetone	3.81	43	441044	223.852	ug/l	95
17) Carbon Disulfide	4.05	76	969530	48.220	ug/l	99
18) Methyl Acetate	4.32	43	266621	51.520	ug/l	93
19) Methyl tert-butyl Ether	5.04	73	873294	52.233	ug/l	99
20) Methylene Chloride	4.55	84	356125	48.618	ug/l	90
21) trans-1,2-Dichloroethene	5.04	96	336758	49.922	ug/l	93
22) Diisopropyl ether	5.95	45	1140058	54.060	ug/l	97
23) Vinyl Acetate	5.89	43	4125216	271.917	ug/l	96
24) 1,1-Dichloroethane	5.85	63	657243	50.821	ug/l	99
25) 2-Butanone	6.83	43	725490	249.653	ug/l	96
26) 2,2-Dichloropropane	6.82	77	426819	46.454	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	387104	51.600	ug/l	96
28) Bromochloromethane	7.19	49	313333	52.932	ug/l	82
29) Tetrahydrofuran	7.21	42	503433	260.146	ug/l	93
30) Chloroform	7.37	83	630784	50.302	ug/l	100
31) Cyclohexane	7.65	56	608064	51.389	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	527270	50.995	ug/l	97
36) 1,1-Dichloropropene	7.79	75	481603	49.569	ug/l	98
37) Ethyl Acetate	6.93	43	333021	48.004	ug/l	98
38) Carbon Tetrachloride	7.77	117	458660	45.391	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	558111	47.660	ug/l	95
40) Benzene	8.04	78	1479030	49.554	ug/l	100
41) Methacrylonitrile	7.17	41	183727	41.129	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	460742	49.861	ug/l	97
43) Isopropyl Acetate	8.16	43	584361	49.889	ug/l #	90
44) Trichloroethene	8.83	130	383526	48.469	ug/l	95
45) 1,2-Dichloropropane	9.12	63	395119	49.067	ug/l	98
46) Dibromomethane	9.21	93	230882	49.387	ug/l	93
47) Bromodichloromethane	9.40	83	483385	49.064	ug/l	100
48) Methyl methacrylate	9.20	41	280670	52.094	ug/l	94
49) 1,4-Dioxane	9.20	88	75228	1030.899	ug/l #	95
51) 4-Methyl-2-Pentanone	9.98	43	1575499	261.752	ug/l	96
52) Toluene	10.16	92	874425	49.754	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	487396	50.844	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	565498	50.040	ug/l	95
55) 1,1,2-Trichloroethane	10.56	97	320946	48.898	ug/l	99
56) Ethyl methacrylate	10.43	69	407009	47.398	ug/l	90
57) 1,3-Dichloropropane	10.71	76	558118	50.326	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	951848	238.236	ug/l	95
59) 2-Hexanone	10.75	43	1006494	257.107	ug/l	93
60) Dibromochloromethane	10.90	129	361912	49.614	ug/l	98
61) 1,2-Dibromoethane	11.01	107	310168	48.988	ug/l	99
64) Tetrachloroethene	10.63	164	371883	47.984	ug/l	96
65) Chlorobenzene	11.43	112	929053	48.097	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	345231	49.591	ug/l	99
67) Ethyl Benzene	11.51	91	1619554	50.014	ug/l	99
68) m/p-Xylenes	11.62	106	1239841	101.445	ug/l	97
69) o-Xylene	11.95	106	602400	50.163	ug/l	99
70) Styrene	11.96	104	969331	52.479	ug/l	99
71) Bromoform	12.13	173	236985	48.932	ug/l #	100
73) Isopropylbenzene	12.25	105	1568087	47.204	ug/l	99
74) N-amyl acetate	12.07	43	450218	51.710	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.50	83	385005	46.347	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	475463	69.454	ug/l #	100
77) Bromobenzene	12.53	156	394917	46.824	ug/l	90
78) n-propylbenzene	12.59	91	1827870	48.383	ug/l	98
79) 2-Chlorotoluene	12.67	91	1082761	47.710	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	1320836	48.568	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	101868	47.032	ug/l	92
82) 4-Chlorotoluene	12.77	91	1091525	48.664	ug/l	96
83) tert-Butylbenzene	12.99	119	1163608	48.378	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	1342962	49.464	ug/l	99
85) sec-Butylbenzene	13.17	105	1575817	47.968	ug/l	98
86) p-Isopropyltoluene	13.29	119	1350708	48.635	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	699602	47.950	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	682567	48.221	ug/l	99
89) n-Butylbenzene	13.62	91	1160373	49.577	ug/l	99
90) Hexachloroethane	13.87	117	246176	45.743	ug/l	93
91) 1,2-Dichlorobenzene	13.65	146	681802	48.275	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	57209	48.733	ug/l	90

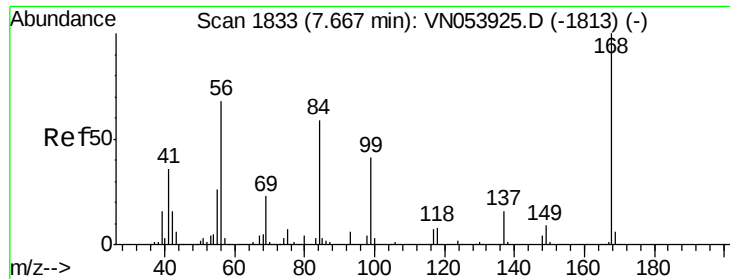
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN022519\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	363339	46.486	ug/l	98
94) Hexachlorobutadiene	15.01	225	235662	46.192	ug/l	99
95) Naphthalene	15.13	128	759222	45.258	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	353116	47.029	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053944.D

Acq: 25 Feb 2019 21:50

Instrument :

MSVOA_N

ClientSampleId :

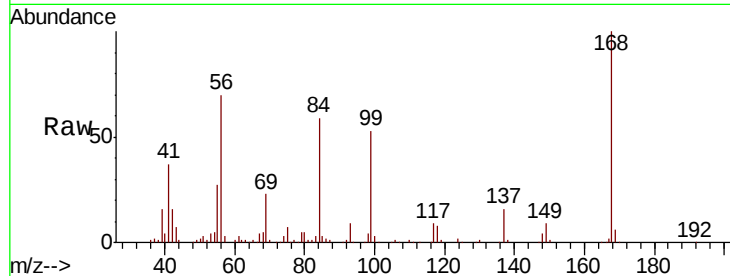
VSTDCCC050EC

Tgt Ion:168 Resp: 631363

Ion Ratio Lower Upper

168 100

99 51.6 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

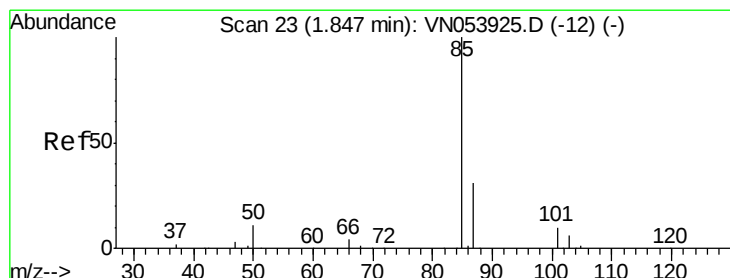
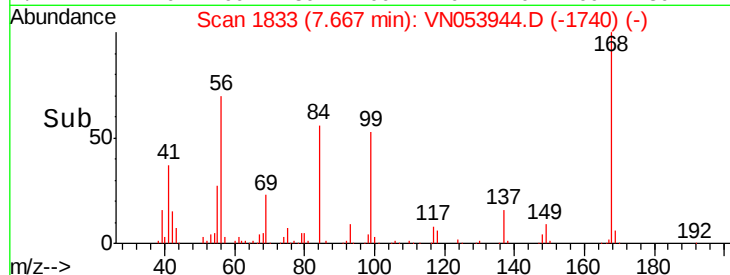
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.387 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN053944.D

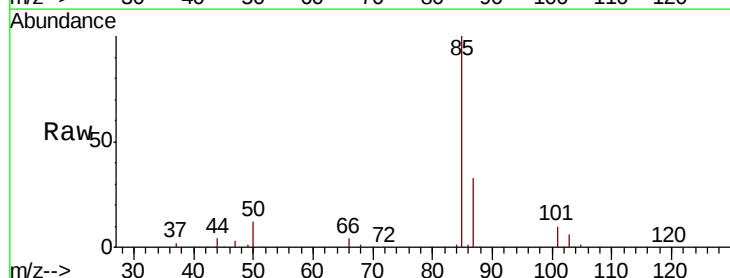
Acq: 25 Feb 2019 21:50

Tgt Ion: 85 Resp: 286970

Ion Ratio Lower Upper

85 100

87 33.0 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

200000

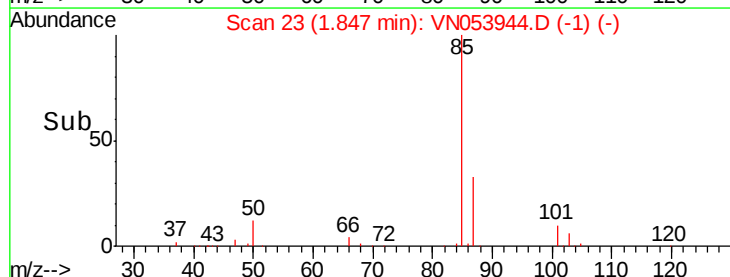
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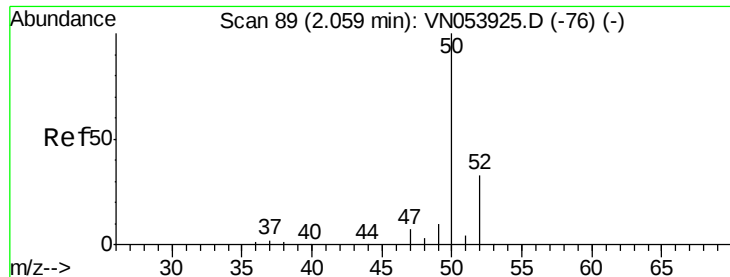
100000

50000

0

Time-->





#3

Chloromethane

Concen: 51.011 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN053944.D

Acq: 25 Feb 2019 21:50

Instrument :

MSVOA_N

ClientSampleId :

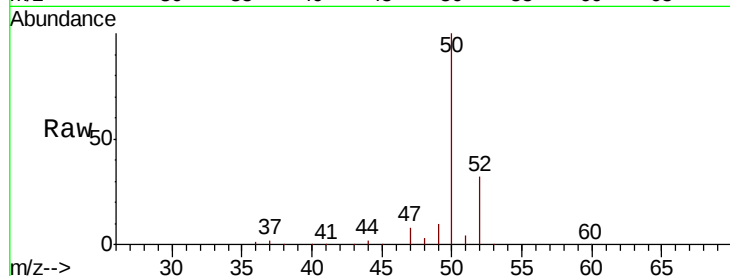
VSTDCCC050EC

Tgt Ion: 50 Resp: 411140

Ion Ratio Lower Upper

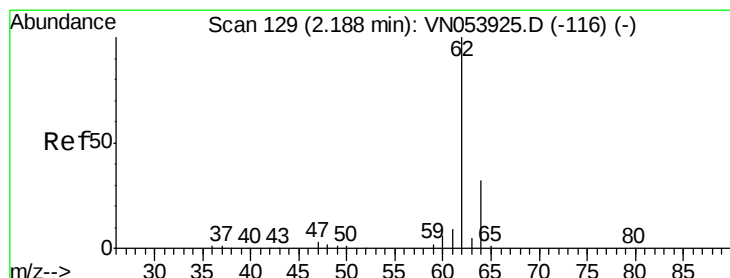
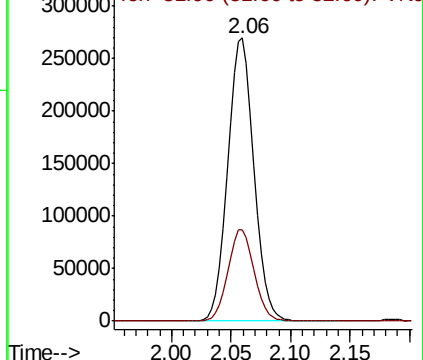
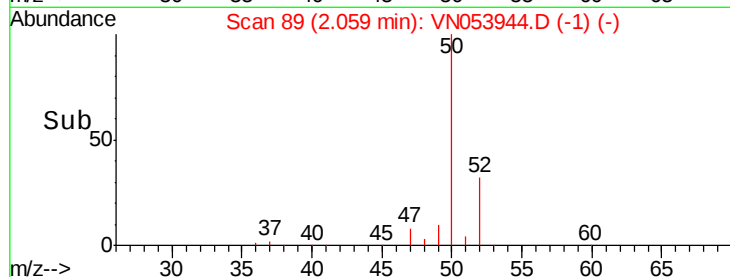
50 100

52 32.5 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VN053944.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VN053944.D (-1) (-)



#4

Vinyl Chloride

Concen: 50.494 ug/l

RT: 2.18 min Scan# 128

Delta R.T. -0.00 min

Lab File: VN053944.D

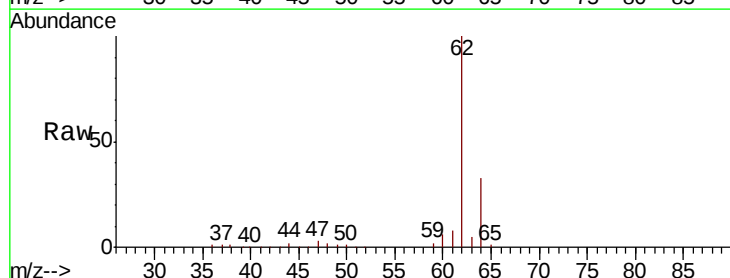
Acq: 25 Feb 2019 21:50

Tgt Ion: 62 Resp: 407764

Ion Ratio Lower Upper

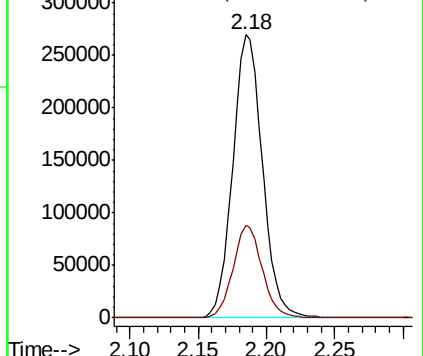
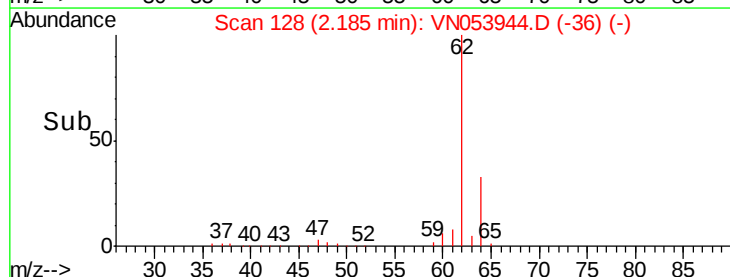
62 100

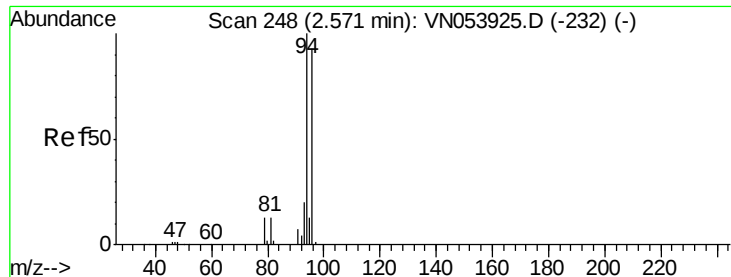
64 32.7 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VN053944.D (-36) (-)

Ion 63.90 (63.60 to 64.60): VN053944.D (-36) (-)





#5

Bromomethane

Concen: 46.692 ug/l

RT: 2.57 min Scan# 247

Delta R.T. -0.00 min

Lab File: VN053944.D

Acq: 25 Feb 2019 21:50

Instrument :

MSVOA_N

ClientSampleId :

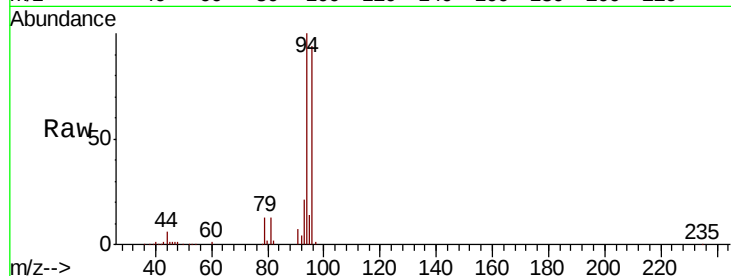
VSTDCCC050EC

Tgt Ion: 94 Resp: 249716

Ion Ratio Lower Upper

94 100

96 94.1 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VN053925.D (-232) (-)

Ion 95.90 (95.60 to 96.60): VN053925.D (-232) (-)

2.57

150000

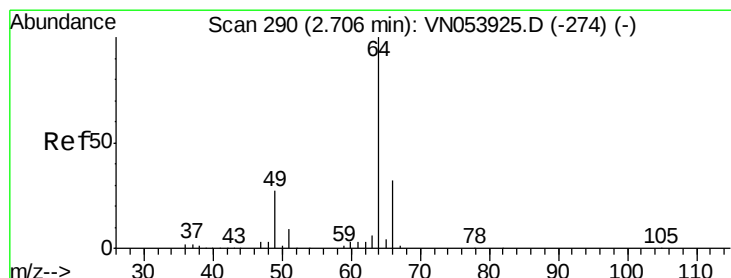
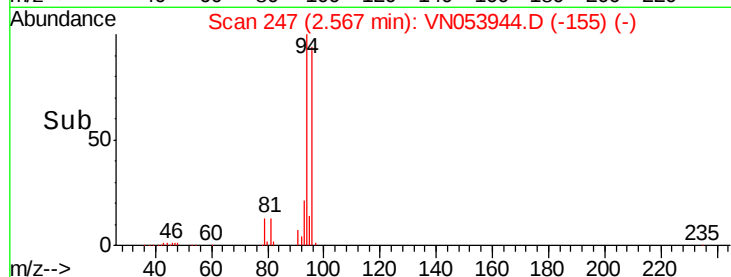
100000

50000

0

Time-->

2.50 2.55 2.60 2.65



#6

Chloroethane

Concen: 49.066 ug/l

RT: 2.71 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN053944.D

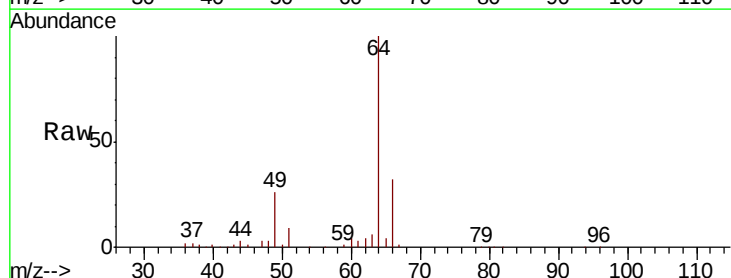
Acq: 25 Feb 2019 21:50

Tgt Ion: 64 Resp: 246427

Ion Ratio Lower Upper

64 100

66 32.2 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VN053925.D (-274) (-)

Ion 65.90 (65.60 to 66.60): VN053925.D (-274) (-)

2.71

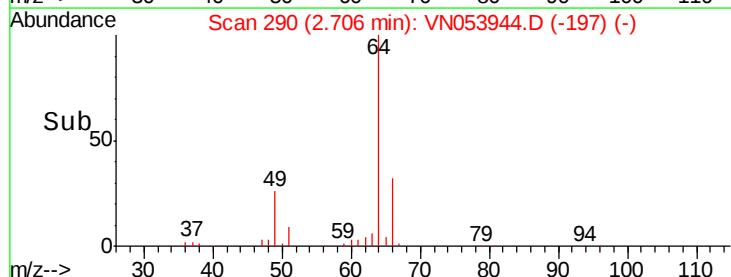
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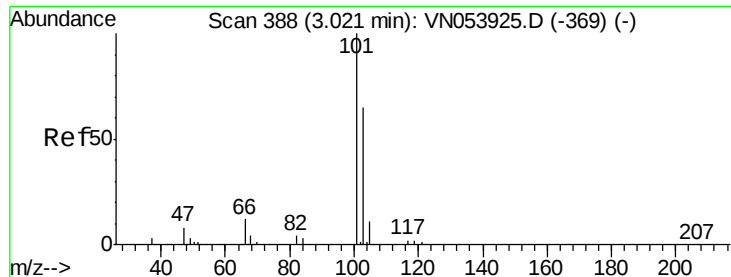
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Time-->

2.60 2.70 2.80



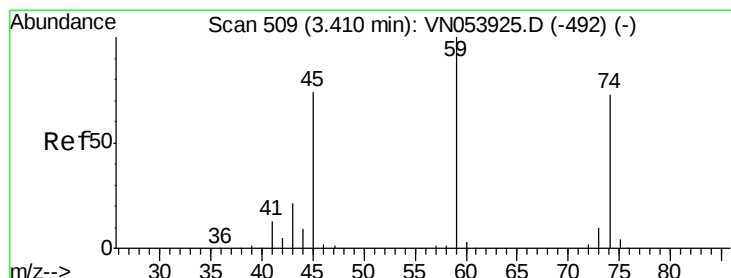
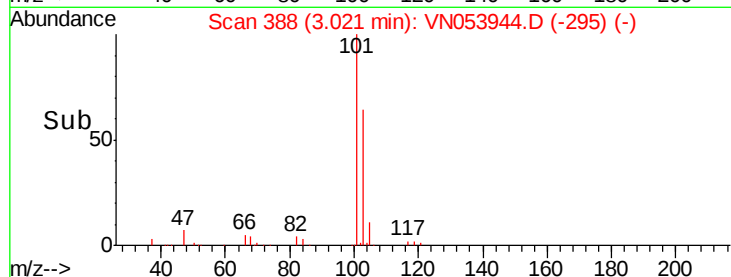
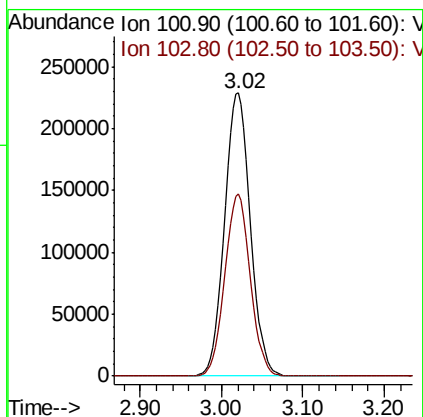
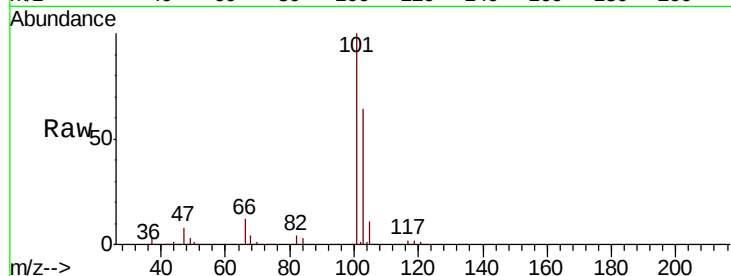


#7

Trichlorofluoromethane
 Concen: 49.551 ug/l
 RT: 3.02 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN053944.D
 Acq: 25 Feb 2019 21:50

Instrument :
 MSVOA_N
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 VSTDCCC050EC

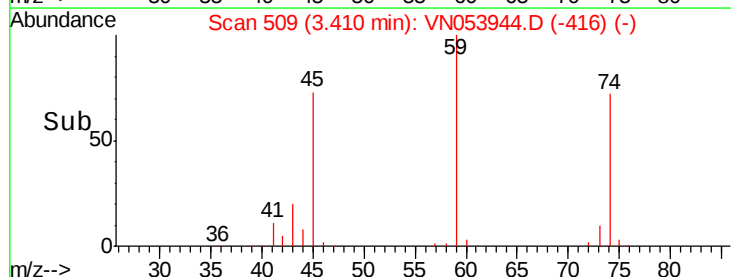
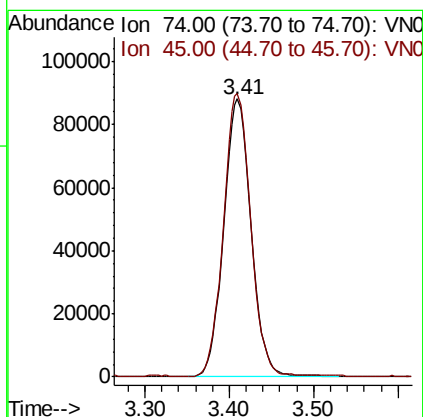
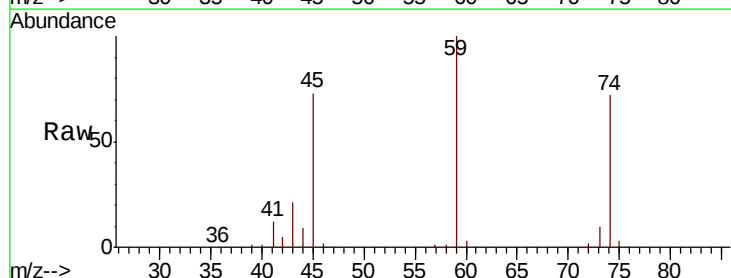
Tgt Ion: 101 Resp: 511197
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.9 77.9

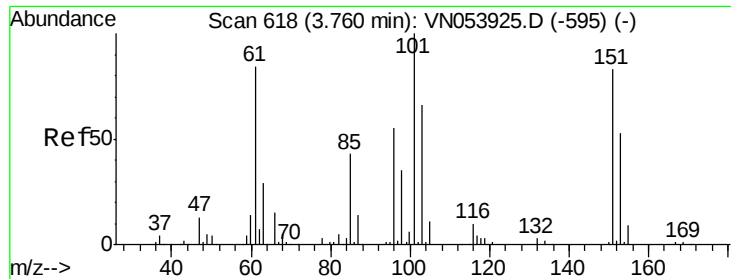


#8

Diethyl Ether
 Concen: 51.415 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN053944.D
 Acq: 25 Feb 2019 21:50

Tgt Ion: 74 Resp: 198728
 Ion Ratio Lower Upper
 74 100
 45 102.0 46.9 140.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.582 ug/l

RT: 3.76 min Scan# 618

Delta R.T. 0.00 min

Lab File: VN053944.D

Acq: 25 Feb 2019 21:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

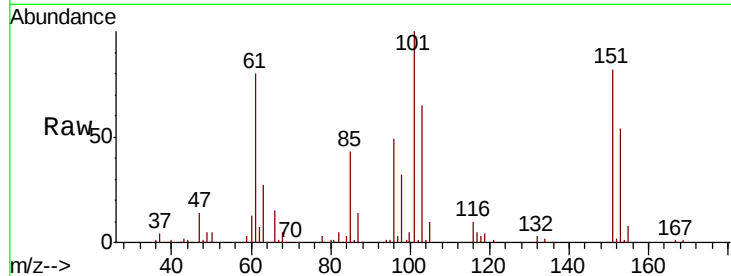
Tgt Ion:101 Resp: 310030

Ion Ratio Lower Upper

101 100

85 43.6 32.5 48.7

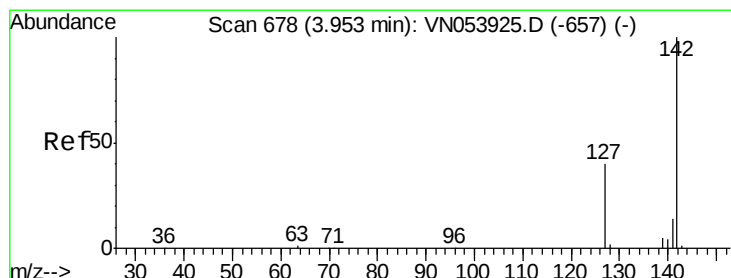
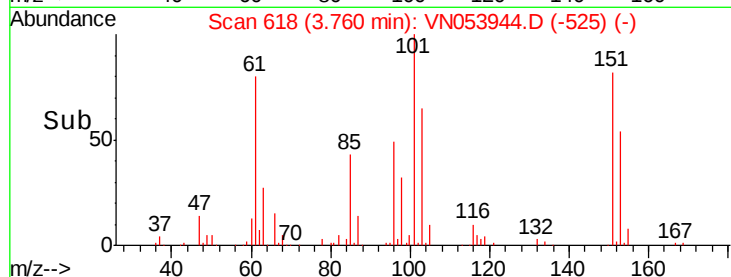
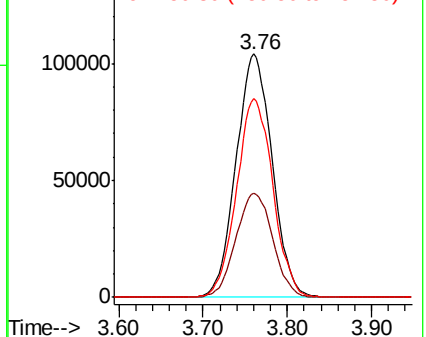
151 82.0 70.2 105.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 54.106 ug/l

RT: 3.95 min Scan# 678

Delta R.T. 0.00 min

Lab File: VN053944.D

Acq: 25 Feb 2019 21:50

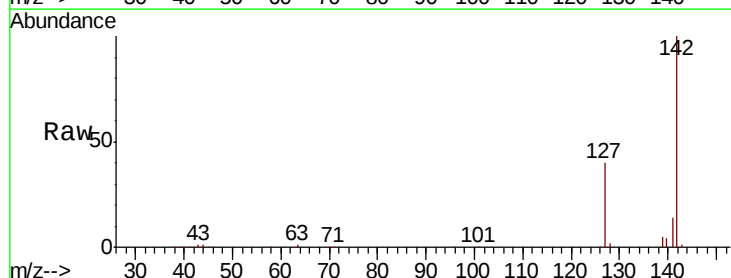
Tgt Ion:142 Resp: 463237

Ion Ratio Lower Upper

142 100

127 40.4 31.0 46.4

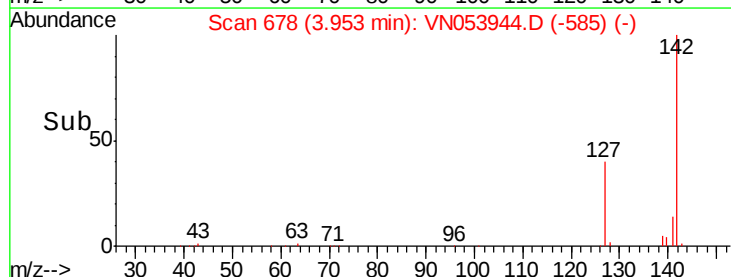
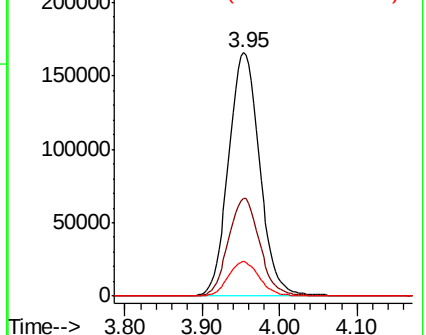
141 14.1 11.3 16.9

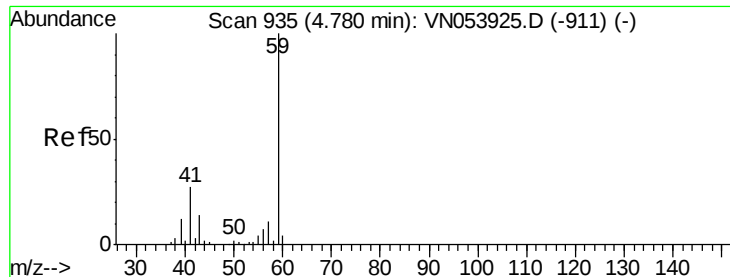


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



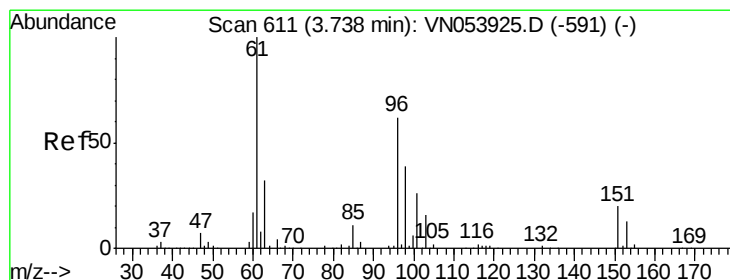
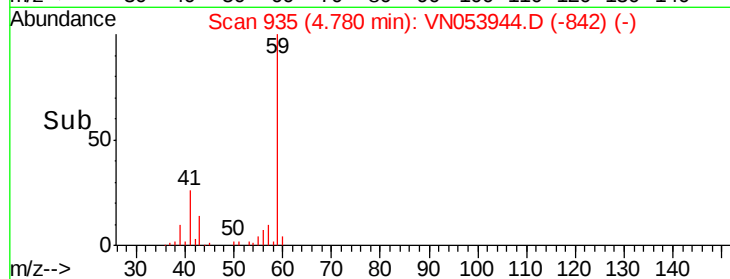
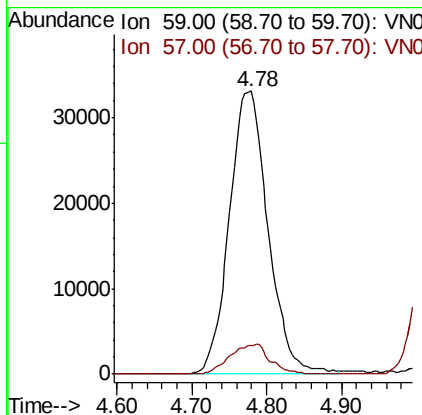
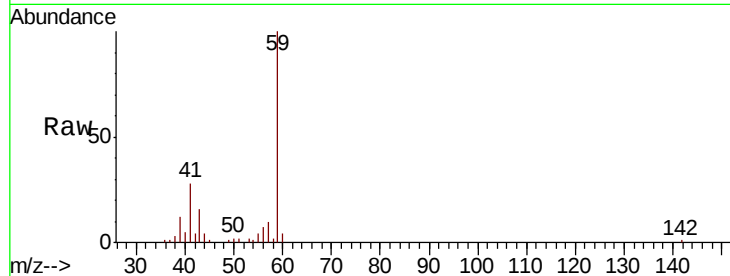


#11

Tert butyl alcohol
 Concen: 254.076 ug/l
 RT: 4.78 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VN053944.D
 Acq: 25 Feb 2019 21:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

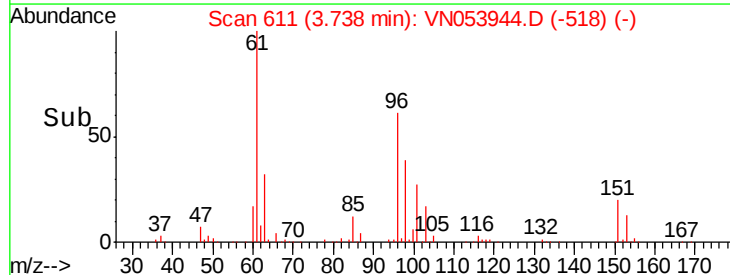
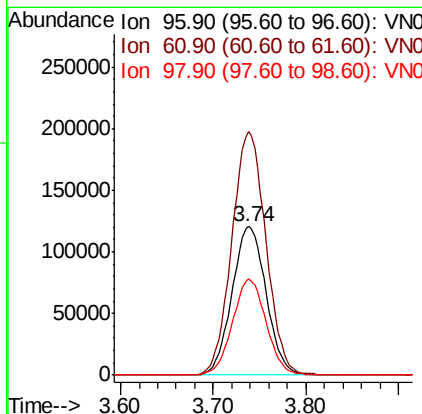
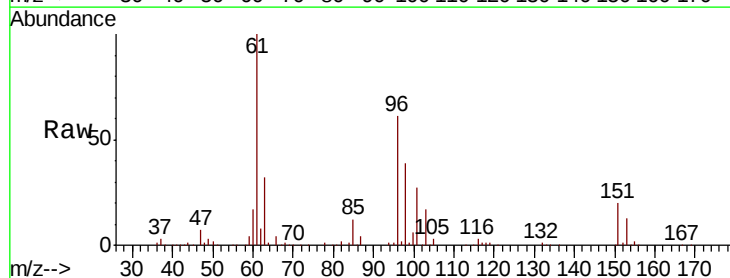
Tgt Ion: 59 Resp: 119207
 Ion Ratio Lower Upper
 59 100
 57 10.8 8.1 12.1

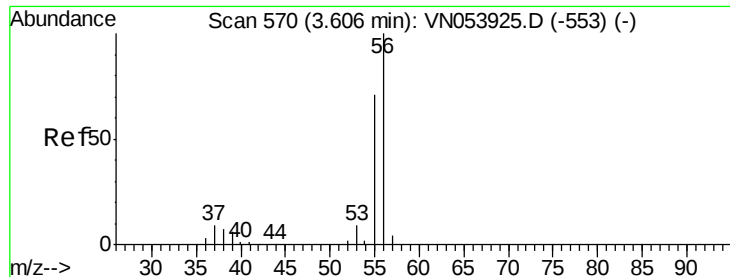


#12

1,1-Dichloroethene
 Concen: 49.390 ug/l
 RT: 3.74 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: VN053944.D
 Acq: 25 Feb 2019 21:50

Tgt Ion: 96 Resp: 307824
 Ion Ratio Lower Upper
 96 100
 61 163.6 121.0 181.4
 98 64.4 52.2 78.2

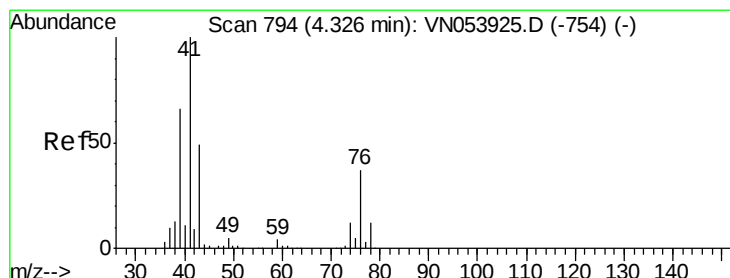
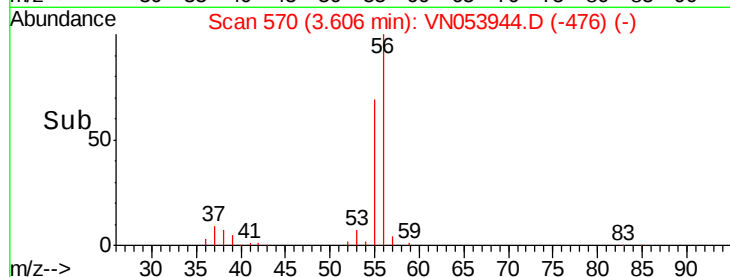
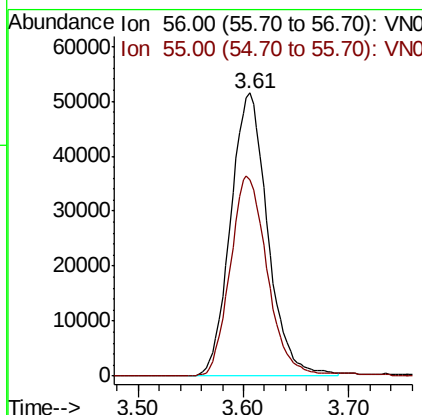
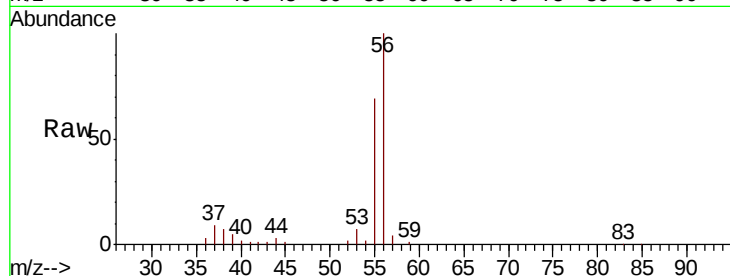




#13
Acrolein
Concen: 259.299 ug/l
RT: 3.61 min Scan# 570
Delta R.T. 0.00 min
Lab File: VN053944.D
Acq: 25 Feb 2019 21:50

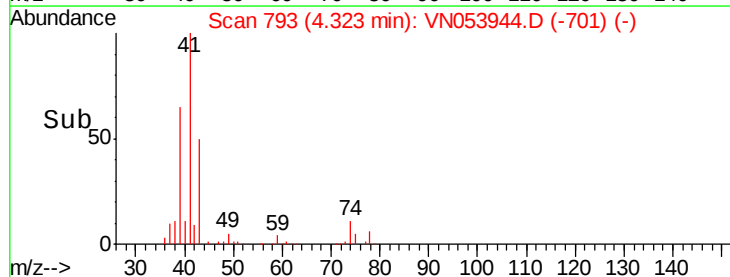
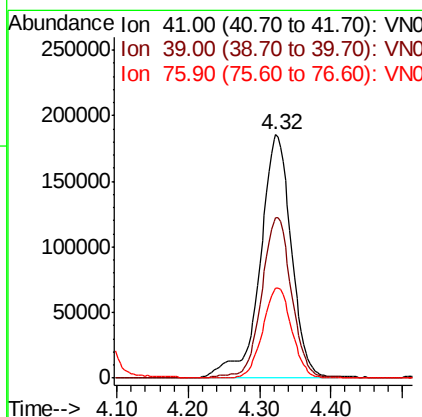
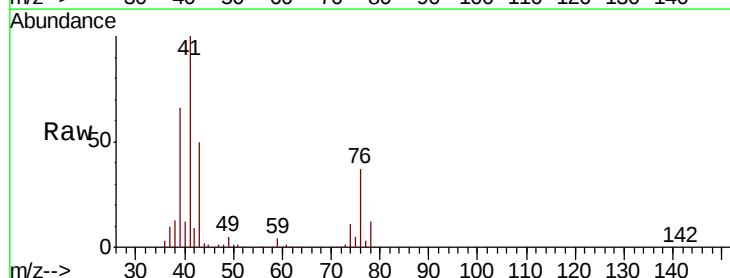
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

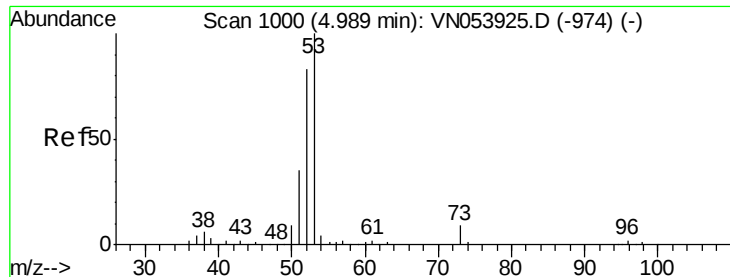
Tgt Ion: 56 Resp: 125957
Ion Ratio Lower Upper
56 100
55 70.5 56.3 84.5



#14
Allyl chloride
Concen: 51.404 ug/l
RT: 4.32 min Scan# 793
Delta R.T. -0.00 min
Lab File: VN053944.D
Acq: 25 Feb 2019 21:50

Tgt Ion: 41 Resp: 561918
Ion Ratio Lower Upper
41 100
39 63.8 48.8 73.2
76 34.0 30.9 46.3





#15

Acrylonitrile

Concen: 262.481 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN053944.D

Acq: 25 Feb 2019 21:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

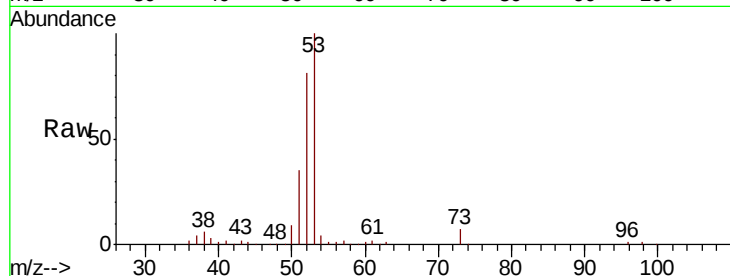
Tgt Ion: 53 Resp: 649063

Ion Ratio Lower Upper

53 100

52 81.3 65.1 97.7

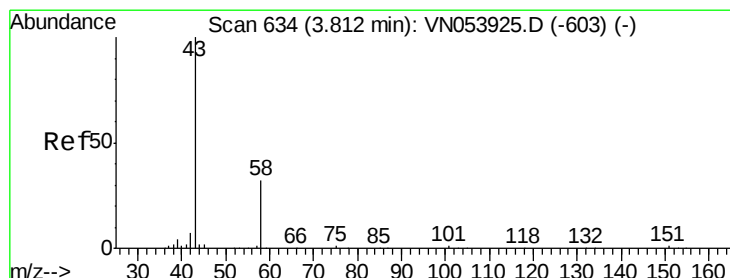
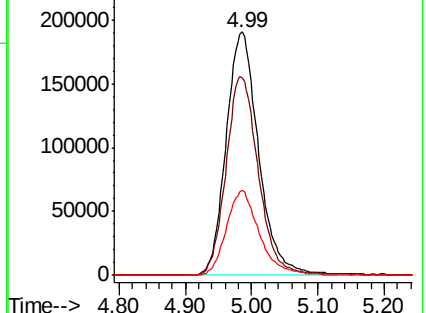
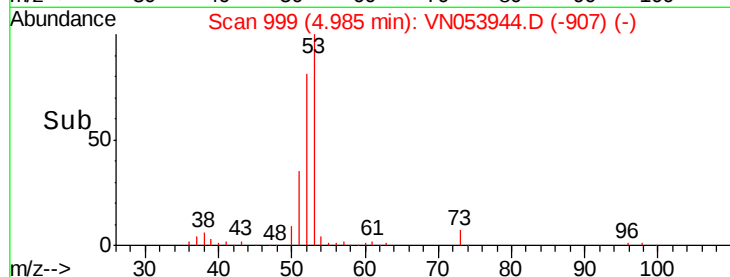
51 35.3 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VN053944.D (-907) (-)

Ion 52.00 (51.70 to 52.70): VN053944.D (-907) (-)

Ion 51.00 (50.70 to 51.70): VN053944.D (-907) (-)



#16

Acetone

Concen: 223.852 ug/l

RT: 3.81 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN053944.D

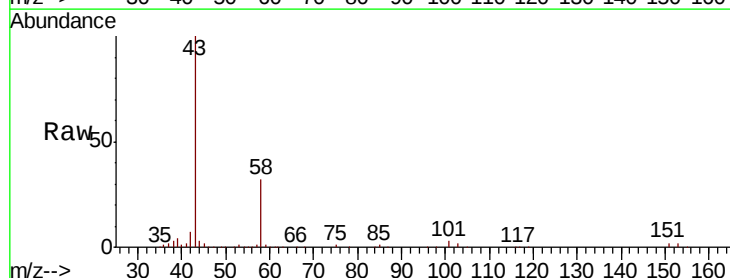
Acq: 25 Feb 2019 21:50

Tgt Ion: 43 Resp: 441044

Ion Ratio Lower Upper

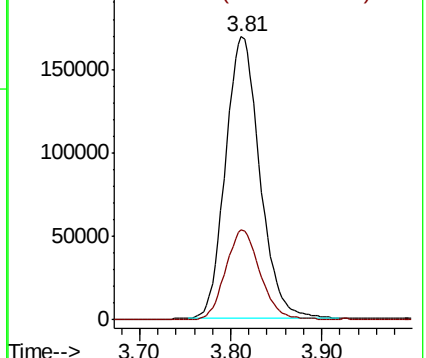
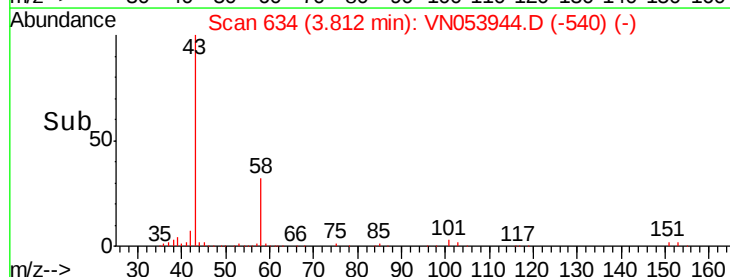
43 100

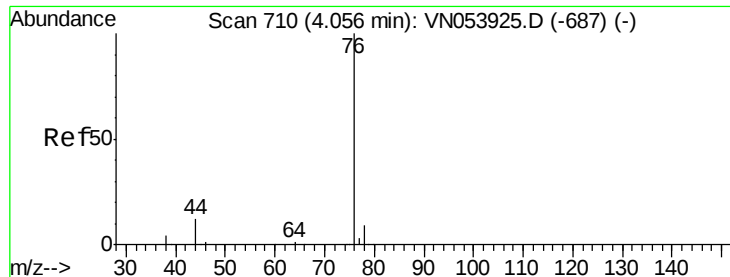
58 31.9 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VN053944.D (-540) (-)

Ion 58.00 (57.70 to 58.70): VN053944.D (-540) (-)

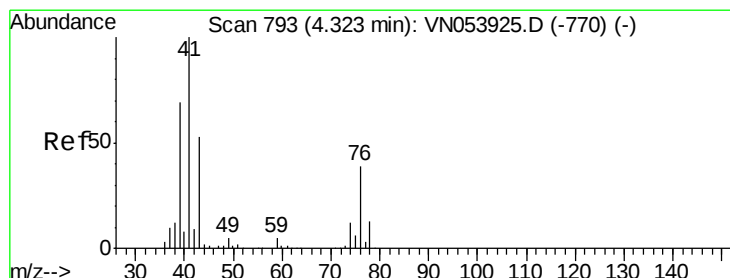
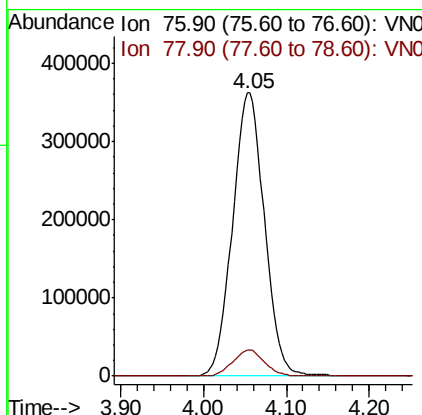
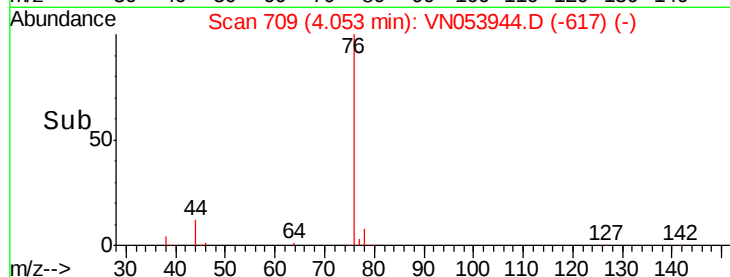
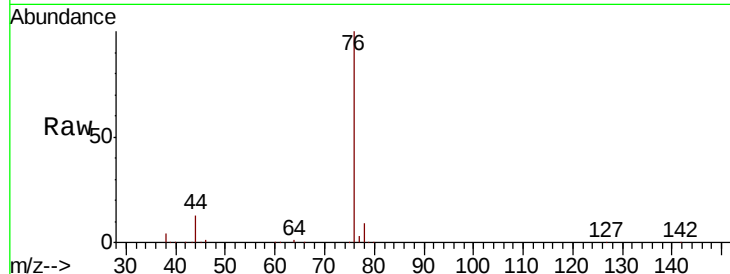




#17
Carbon Disulfide
Concen: 48.220 ug/l
RT: 4.05 min Scan# 709
Delta R.T. -0.00 min
Lab File: VN053944.D
Acq: 25 Feb 2019 21:50

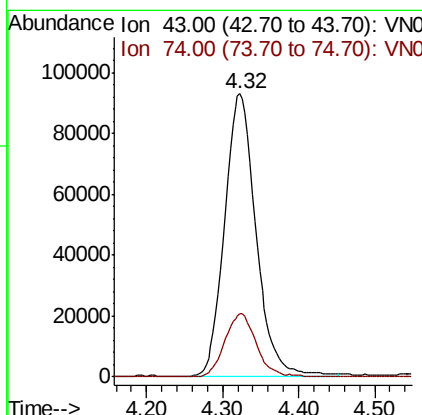
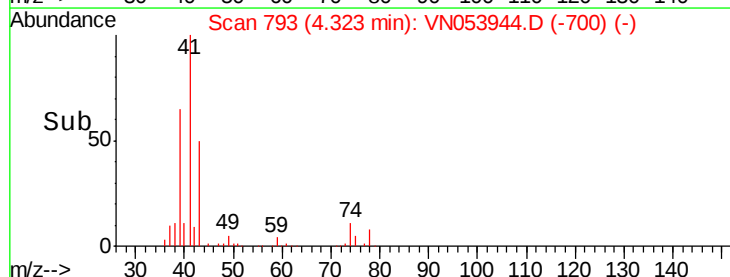
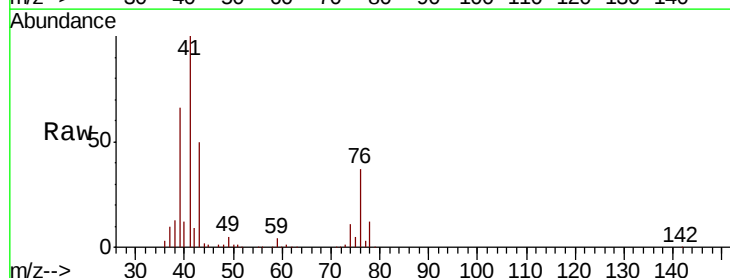
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

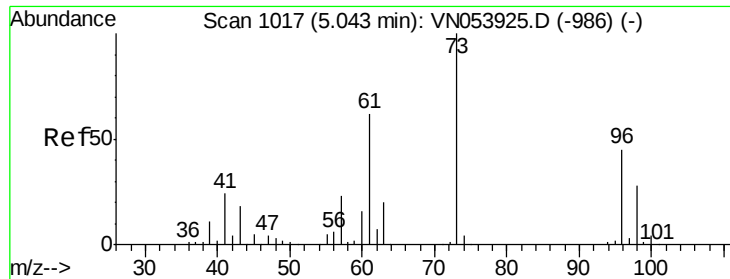
Tgt Ion: 76 Resp: 969530
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3



#18
Methyl Acetate
Concen: 51.520 ug/l
RT: 4.32 min Scan# 793
Delta R.T. 0.00 min
Lab File: VN053944.D
Acq: 25 Feb 2019 21:50

Tgt Ion: 43 Resp: 266621
Ion Ratio Lower Upper
43 100
74 22.2 20.5 30.7

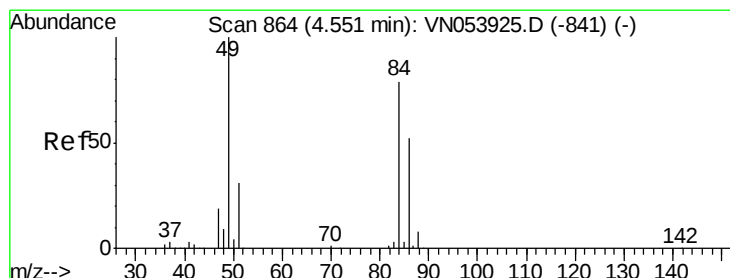
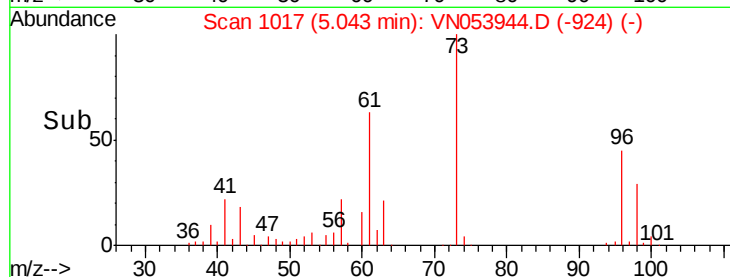
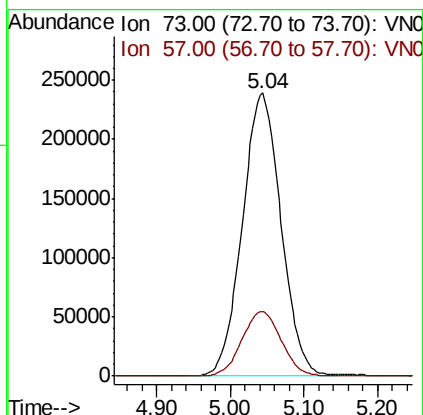
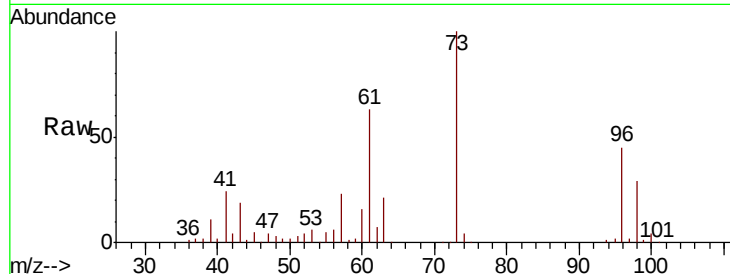




#19
Methyl tert-butyl Ether
Concen: 52.233 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VN053944.D
Acq: 25 Feb 2019 21:50

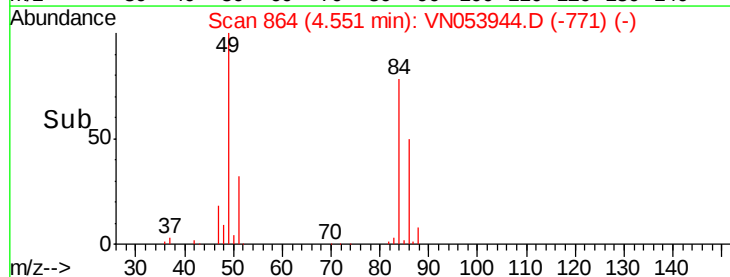
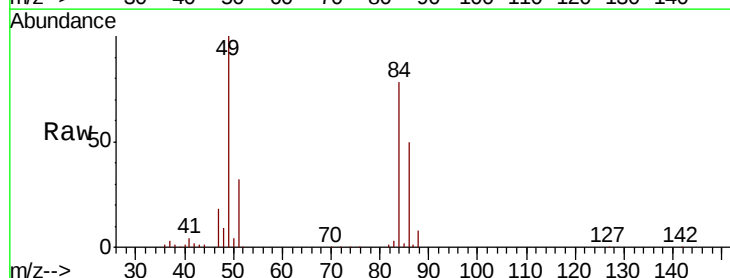
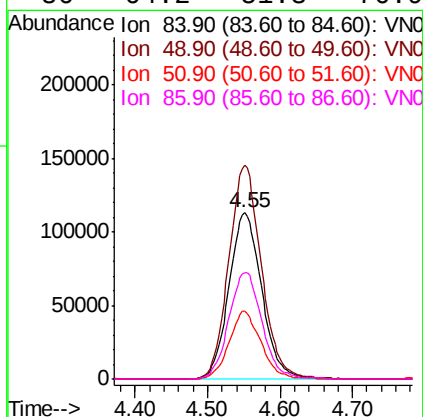
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

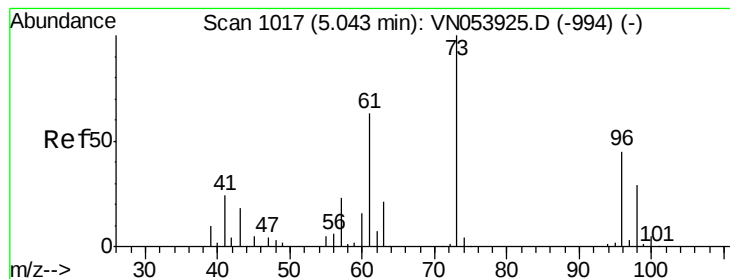
Tgt Ion: 73 Resp: 873294
Ion Ratio Lower Upper
73 100
57 23.0 18.0 27.0



#20
Methylene Chloride
Concen: 48.618 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN053944.D
Acq: 25 Feb 2019 21:50

Tgt Ion: 84 Resp: 356125
Ion Ratio Lower Upper
84 100
49 128.6 89.7 134.5
51 40.8 27.8 41.8
86 64.2 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 49.922 ug/l

RT: 5.04 min Scan# 1017

Delta R.T. 0.00 min

Lab File: VN053944.D

Acq: 25 Feb 2019 21:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

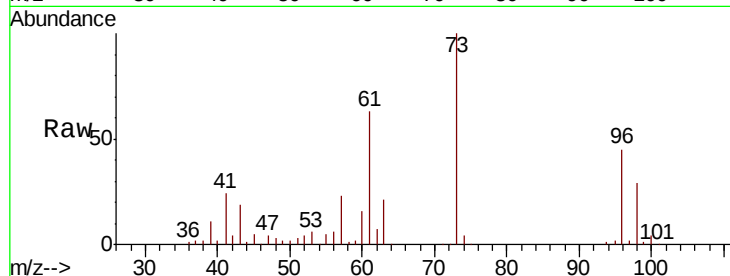
Tgt Ion: 96 Resp: 336758

Ion Ratio Lower Upper

96 100

61 142.3 104.5 156.7

98 64.2 50.6 76.0

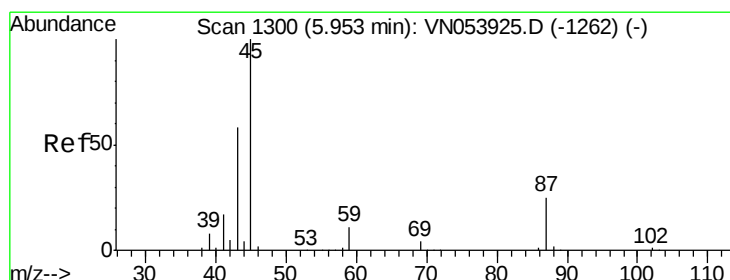
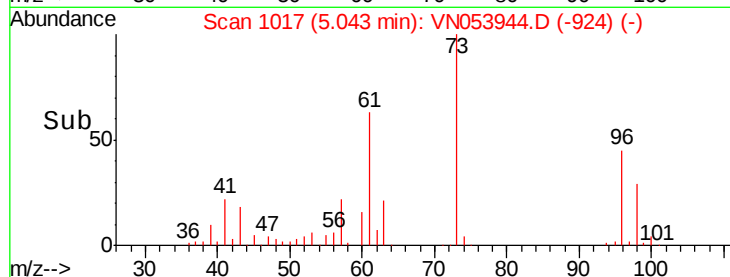
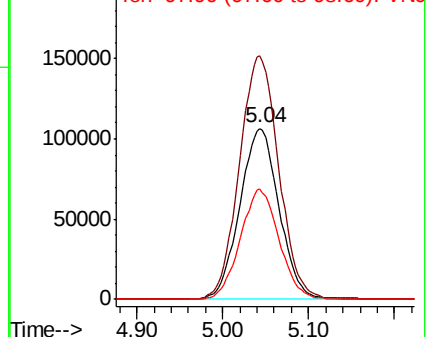


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 54.060 ug/l

RT: 5.95 min Scan# 1299

Delta R.T. -0.00 min

Lab File: VN053944.D

Acq: 25 Feb 2019 21:50

Tgt Ion: 45 Resp: 1140058

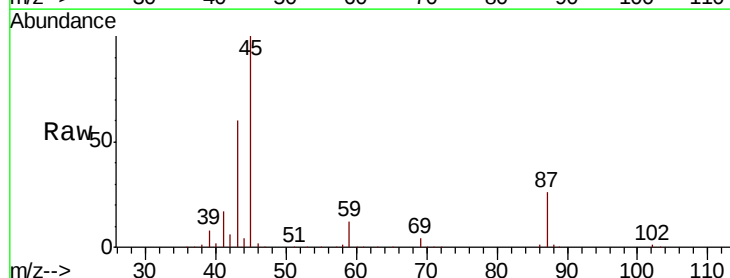
Ion Ratio Lower Upper

45 100

43 59.4 46.2 69.4

87 25.4 23.4 35.0

59 11.4 9.4 14.0



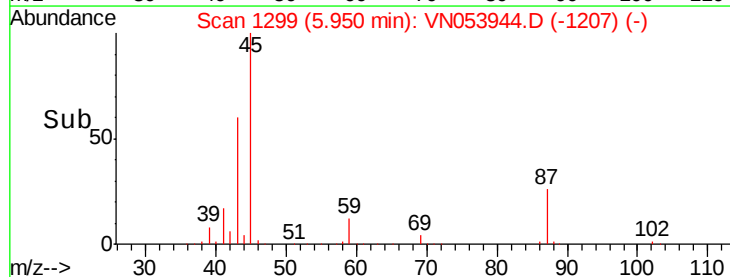
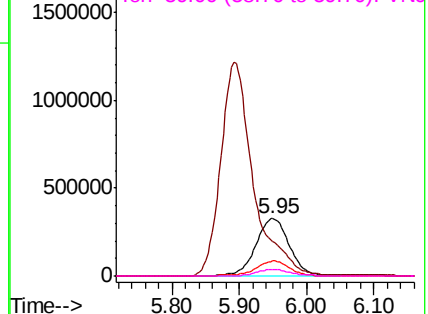
Abundance

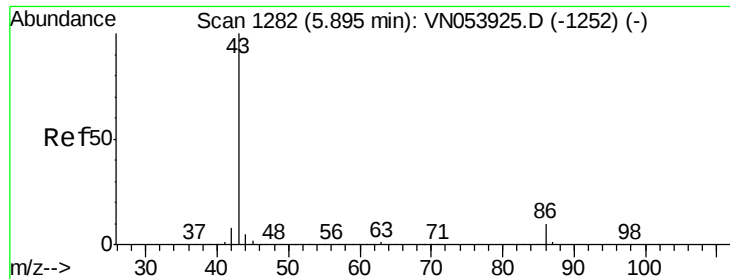
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0

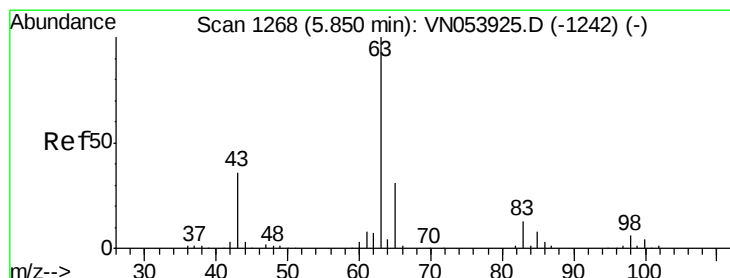
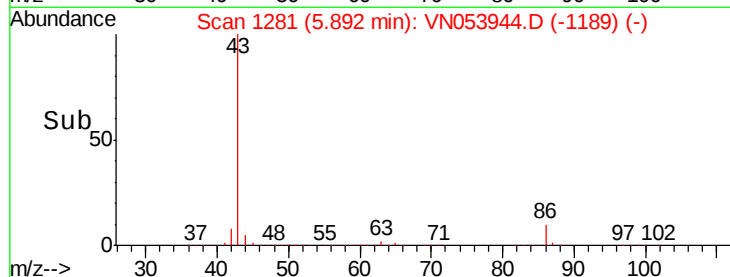
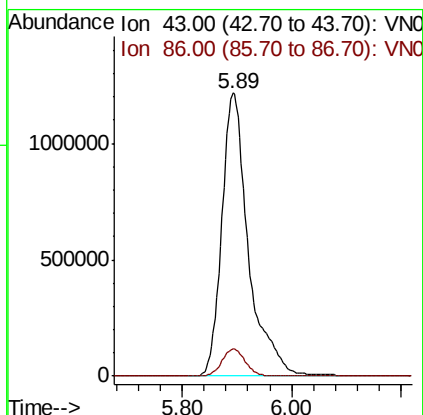
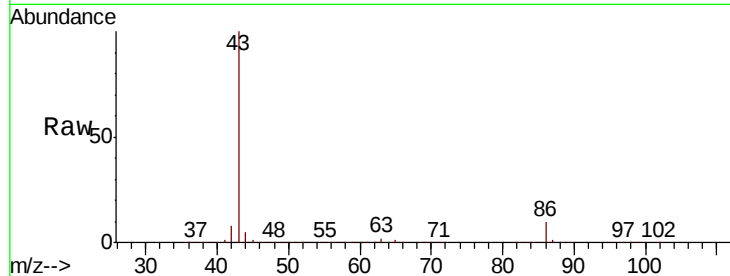




#23
 Vinyl Acetate
 Concen: 271.917 ug/l
 RT: 5.89 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: VN053944.D
 Acq: 25 Feb 2019 21:50

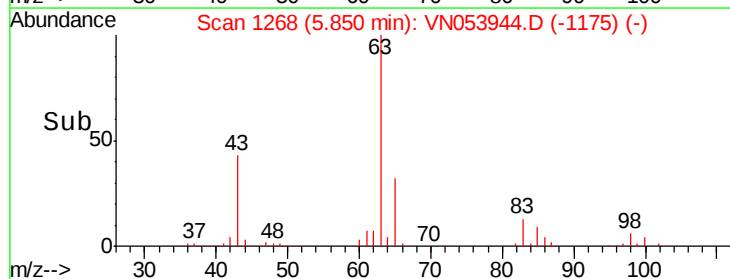
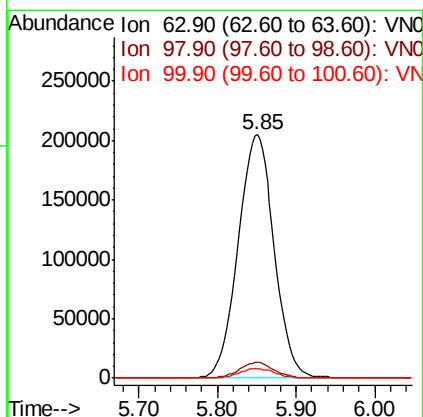
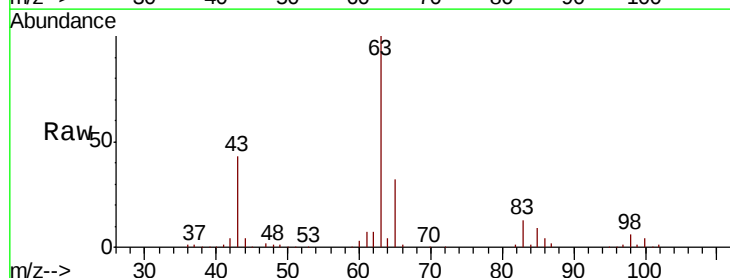
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

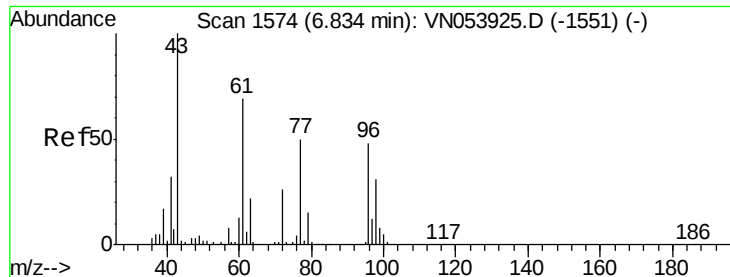
Tgt Ion: 43 Resp: 4125216
 Ion Ratio Lower Upper
 43 100
 86 9.8 9.1 13.7



#24
 1,1-Dichloroethane
 Concen: 50.821 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VN053944.D
 Acq: 25 Feb 2019 21:50

Tgt Ion: 63 Resp: 657243
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.4 10.2
 100 3.9 2.2 6.6

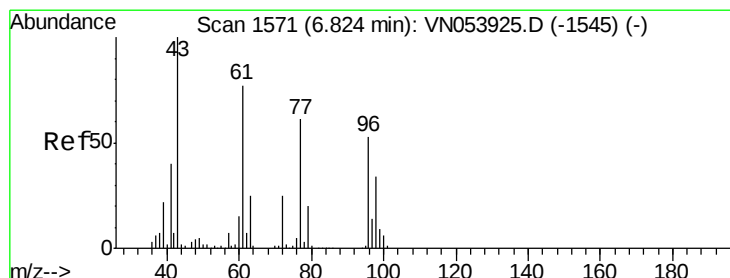
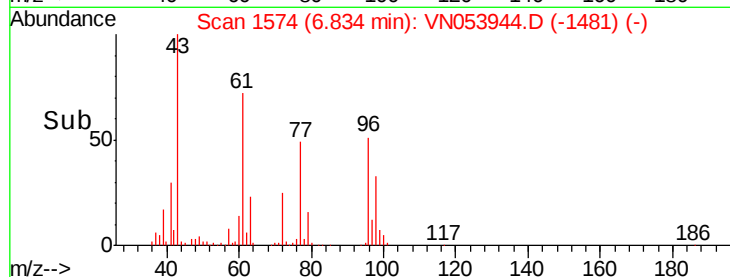
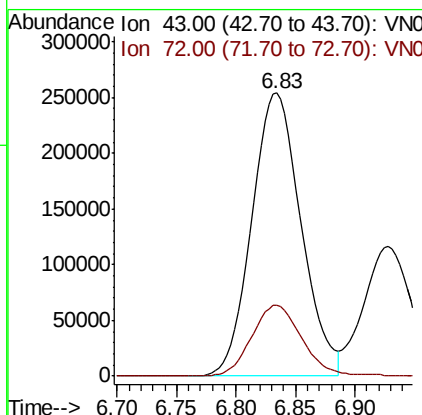
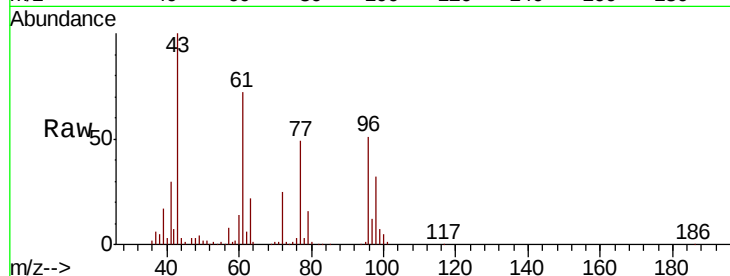




#25
 2-Butanone
 Concen: 249.653 ug/l
 RT: 6.83 min Scan# 1574
 Delta R.T. 0.00 min
 Lab File: VN053944.D
 Acq: 25 Feb 2019 21:50

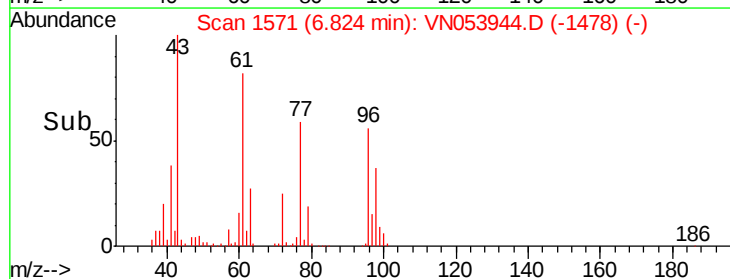
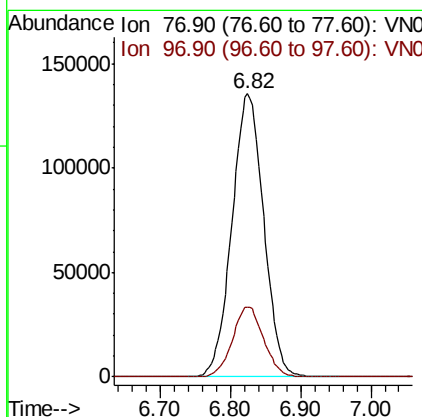
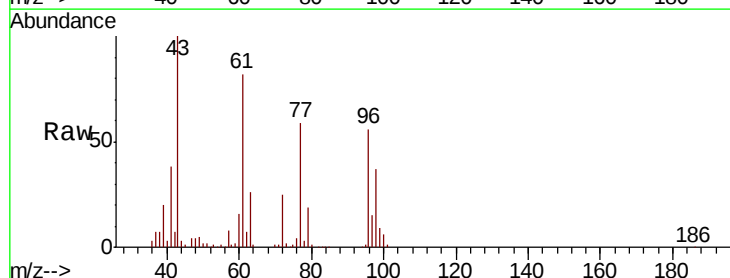
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

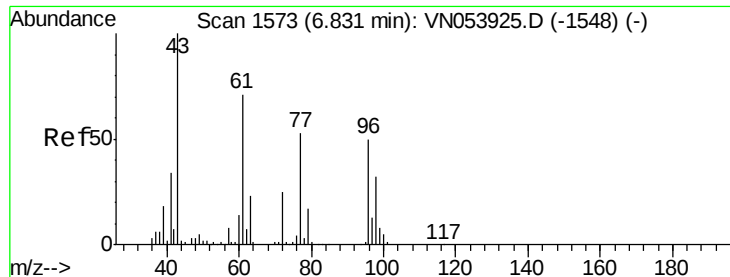
Tgt Ion: 43 Resp: 725490
 Ion Ratio Lower Upper
 43 100
 72 25.3 22.1 33.1



#26
 2,2-Dichloropropane
 Concen: 46.454 ug/l
 RT: 6.82 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: VN053944.D
 Acq: 25 Feb 2019 21:50

Tgt Ion: 77 Resp: 426819
 Ion Ratio Lower Upper
 77 100
 97 24.1 12.3 36.9





#27

cis-1,2-Dichloroethene

Concen: 51.600 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN053944.D

Acq: 25 Feb 2019 21:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

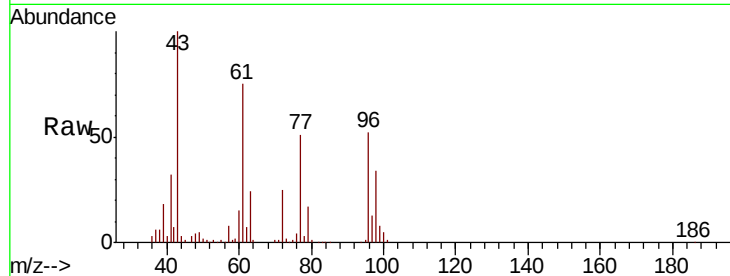
Tgt Ion: 96 Resp: 387104

Ion Ratio Lower Upper

96 100

61 144.5 0.0 275.6

98 64.5 0.0 130.0

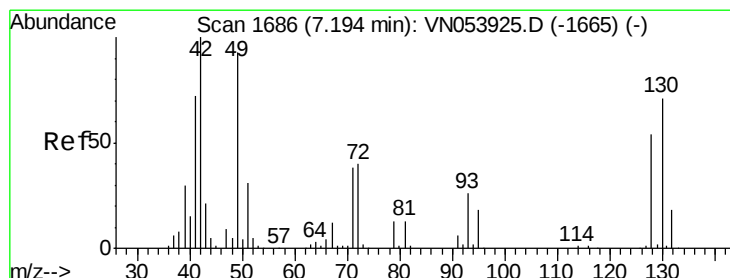
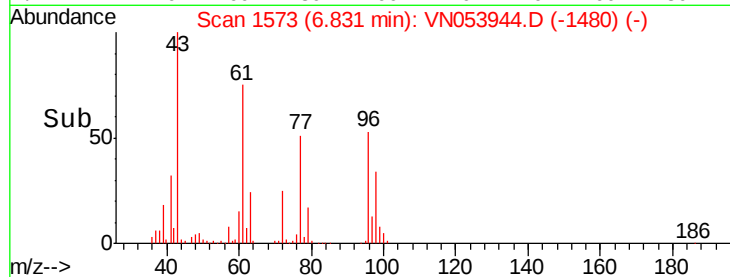
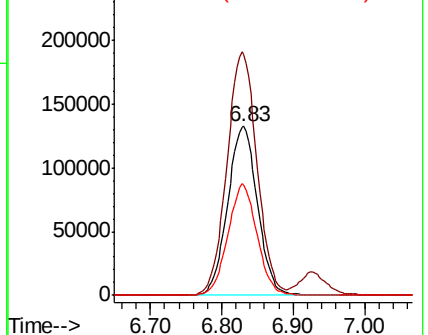


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 52.932 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN053944.D

Acq: 25 Feb 2019 21:50

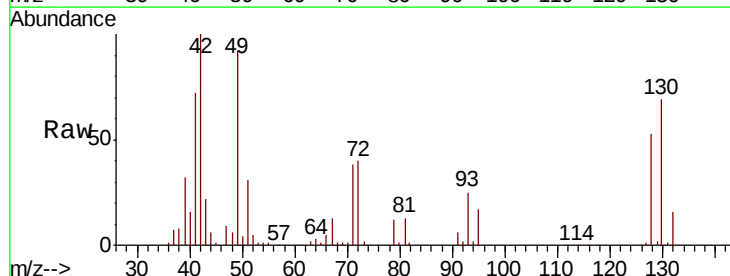
Tgt Ion: 49 Resp: 313333

Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.6

130 74.0 72.9 109.3

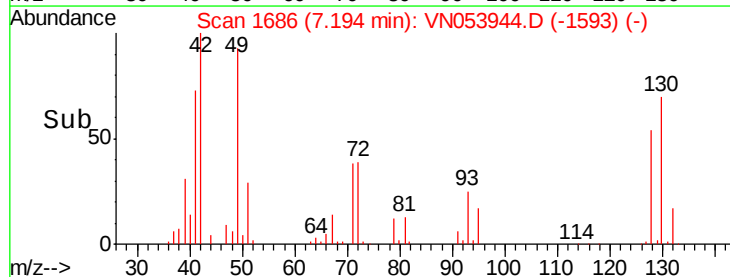
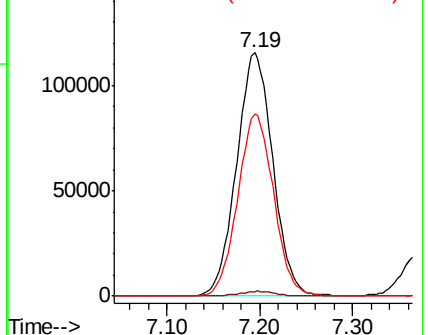


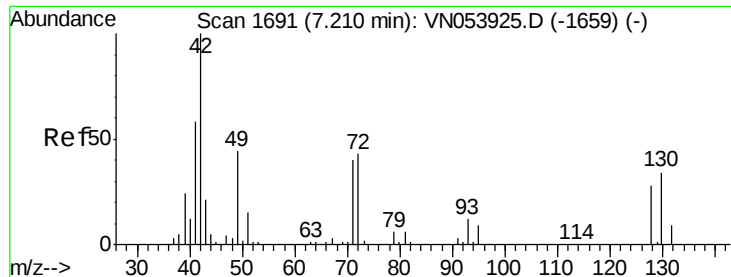
Abundance

Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

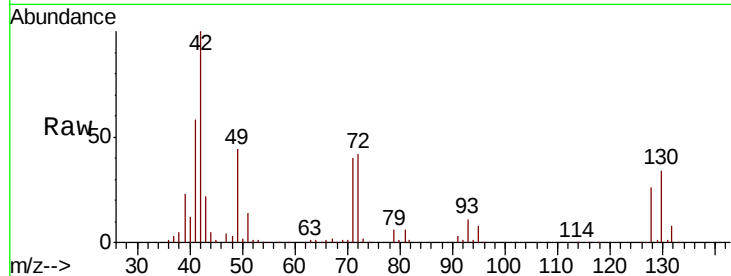




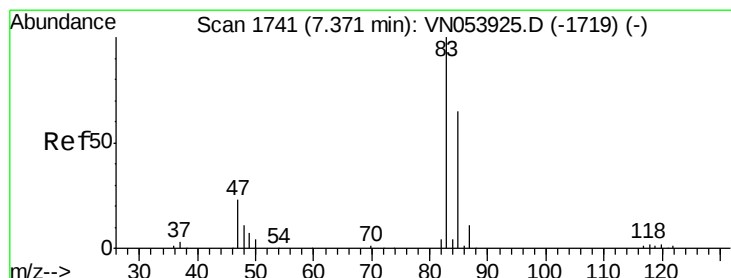
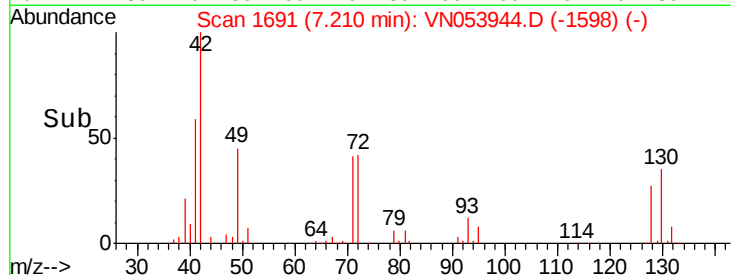
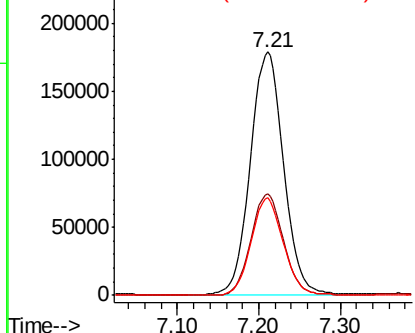
#29
Tetrahydrofuran
Concen: 260.146 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VN053944.D
Acq: 25 Feb 2019 21:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 503433
Ion Ratio Lower Upper
42 100
72 40.9 36.9 55.3
71 38.9 34.6 52.0

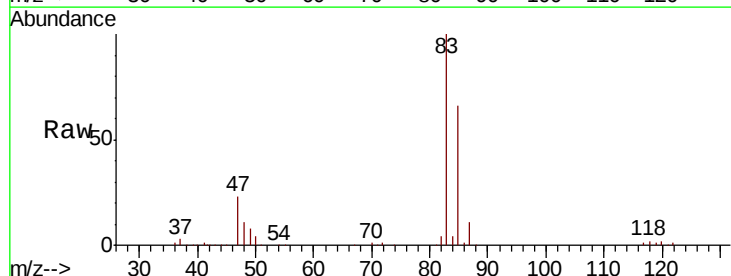


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

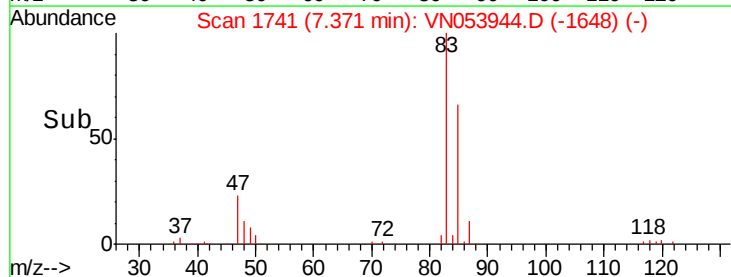
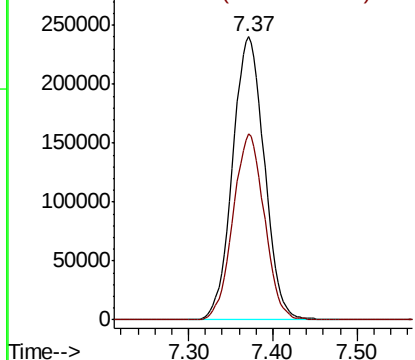


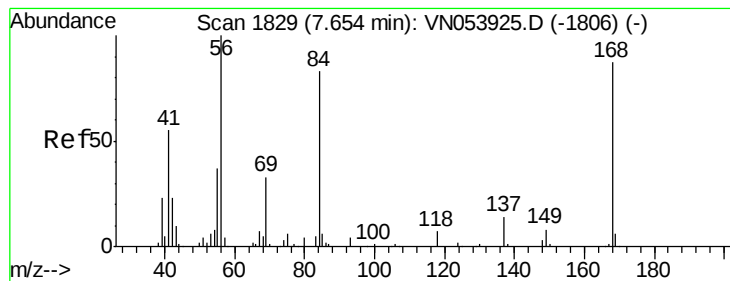
#30
Chloroform
Concen: 50.302 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN053944.D
Acq: 25 Feb 2019 21:50

Tgt Ion: 83 Resp: 630784
Ion Ratio Lower Upper
83 100
85 65.6 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 51.389 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN053944.D

Acq: 25 Feb 2019 21:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

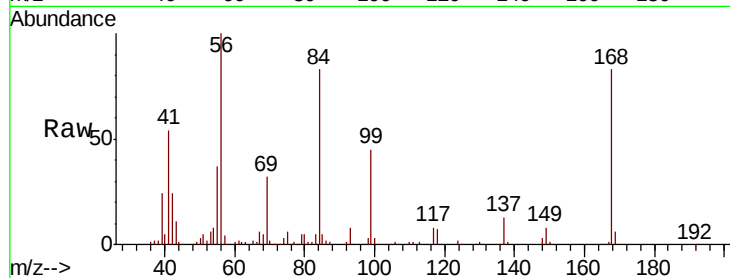
Tgt Ion: 56 Resp: 608064

Ion Ratio Lower Upper

56 100

69 31.8 26.0 39.0

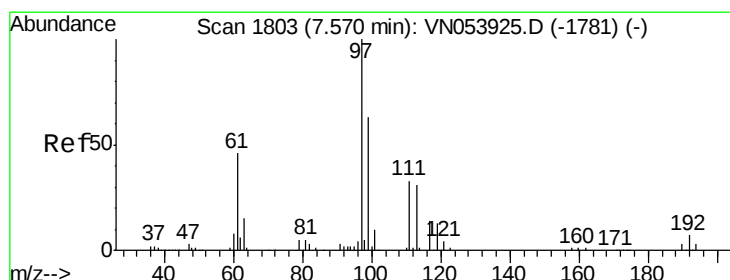
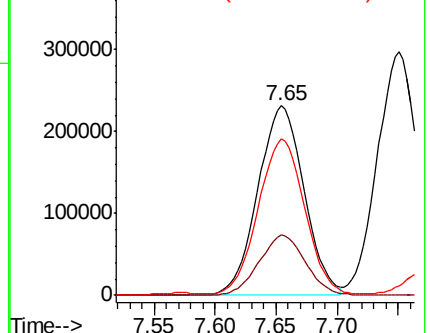
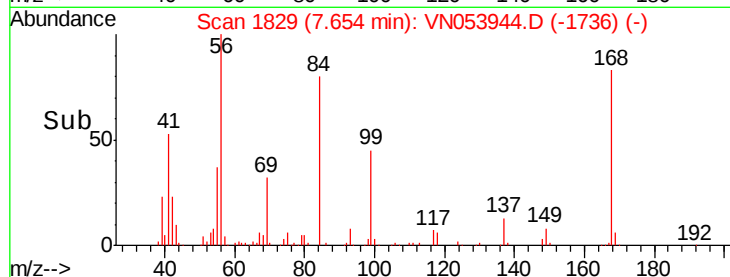
84 81.3 69.1 103.7



Abundance Ion 56.00 (55.70 to 56.70): VN053944.D (-1736) (-)

Ion 69.00 (68.70 to 69.70): VN053944.D (-1736) (-)

Ion 84.00 (83.70 to 84.70): VN053944.D (-1736) (-)



#32

1,1,1-Trichloroethane

Concen: 50.995 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN053944.D

Acq: 25 Feb 2019 21:50

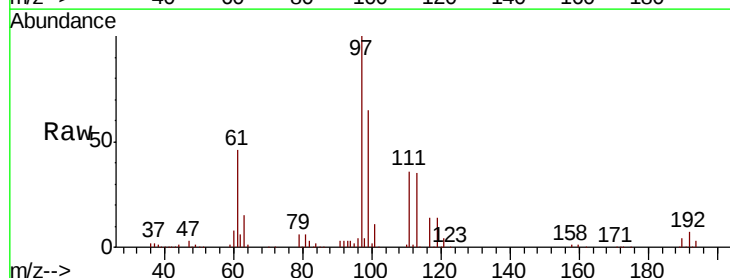
Tgt Ion: 97 Resp: 527270

Ion Ratio Lower Upper

97 100

99 64.3 51.8 77.8

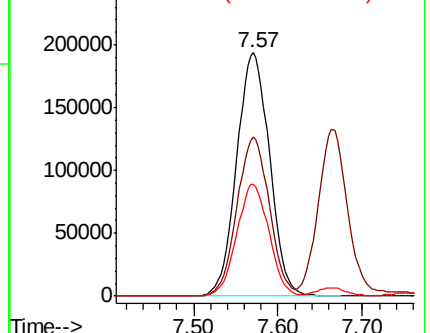
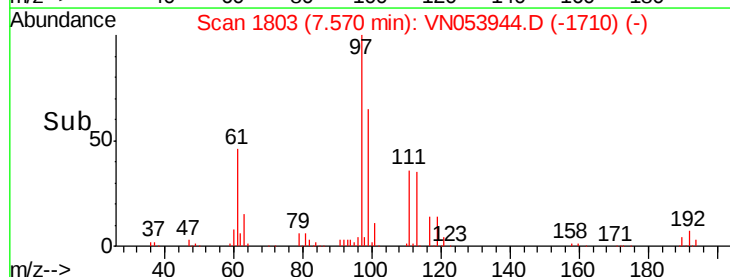
61 45.1 33.2 49.8

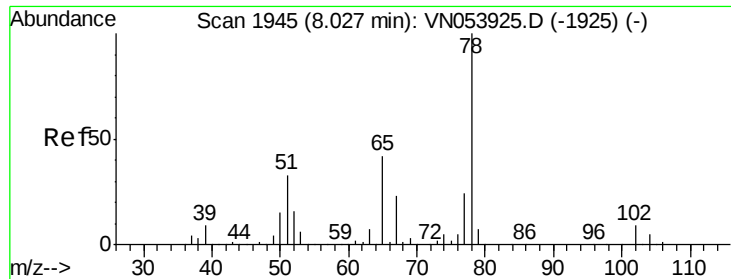


Abundance Ion 96.90 (96.60 to 97.60): VN053944.D (-1710) (-)

Ion 98.90 (98.60 to 99.60): VN053944.D (-1710) (-)

Ion 60.90 (60.60 to 61.60): VN053944.D (-1710) (-)

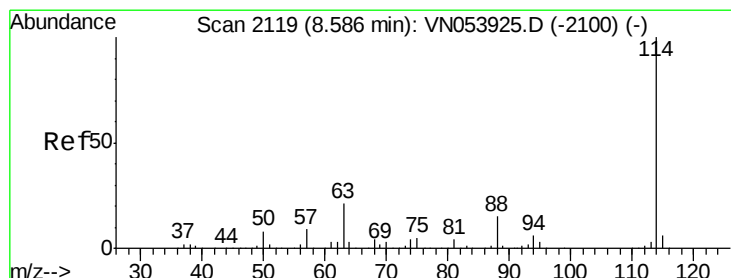
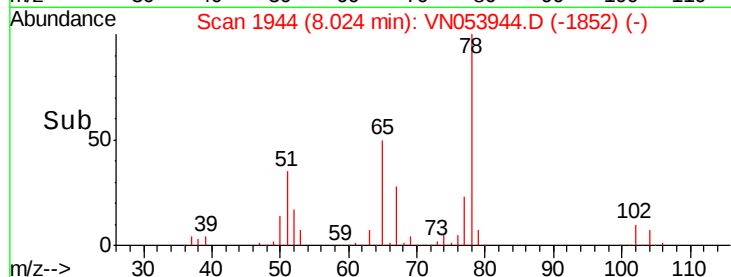
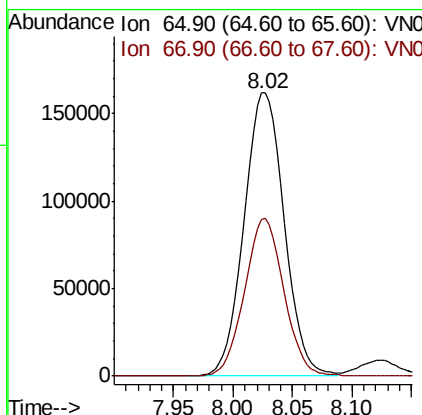
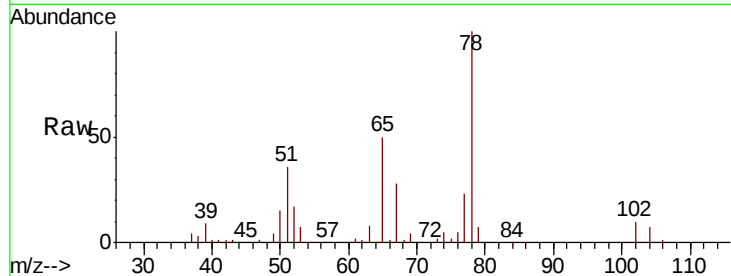




#33
 1,2-Dichloroethane-d4
 Concen: 51.256 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VN053944.D
 Acq: 25 Feb 2019 21:50

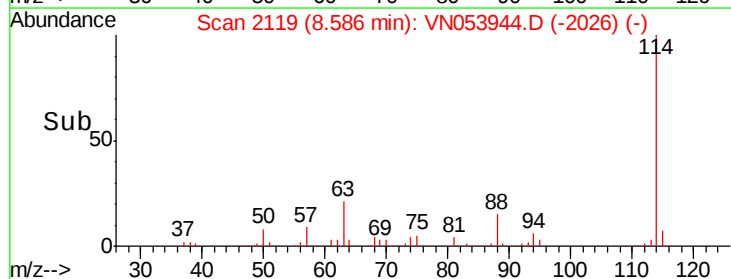
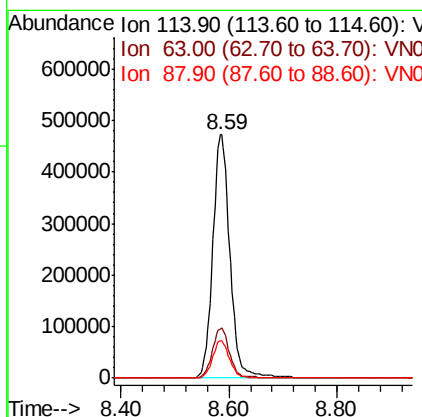
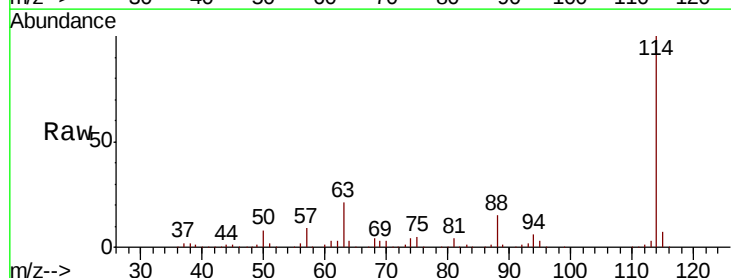
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

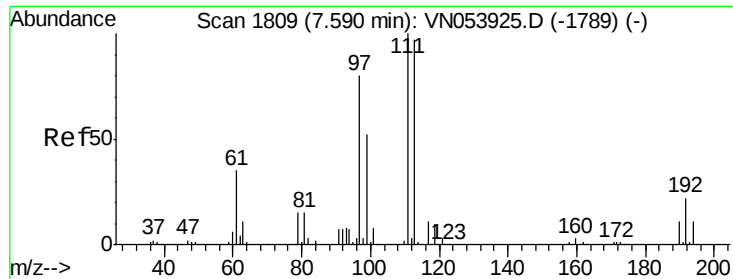
Tgt Ion: 65 Resp: 379346
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 111.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053944.D
 Acq: 25 Feb 2019 21:50

Tgt Ion: 114 Resp: 1044741
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 37.4
 88 15.4 0.0 30.4

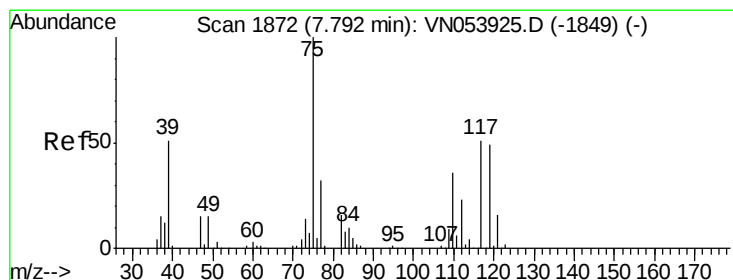
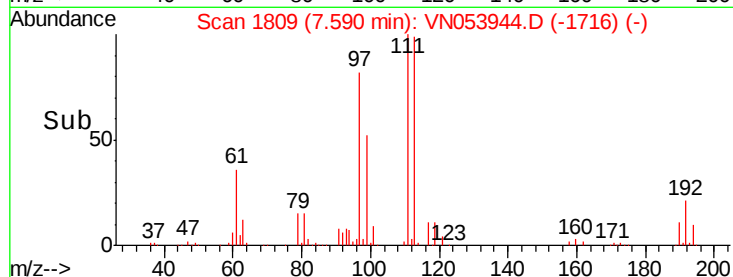
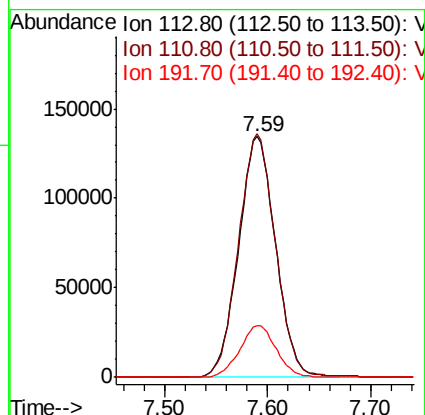
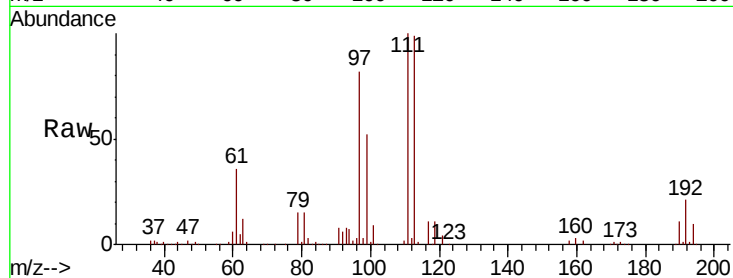




#35
 Dibromofluoromethane
 Concen: 49.666 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN053944.D
 Acq: 25 Feb 2019 21:50

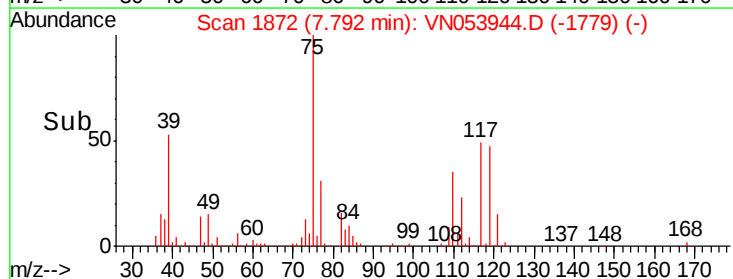
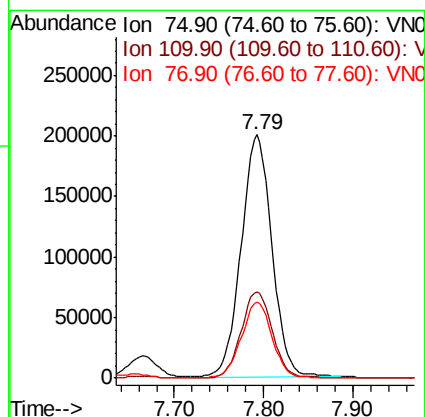
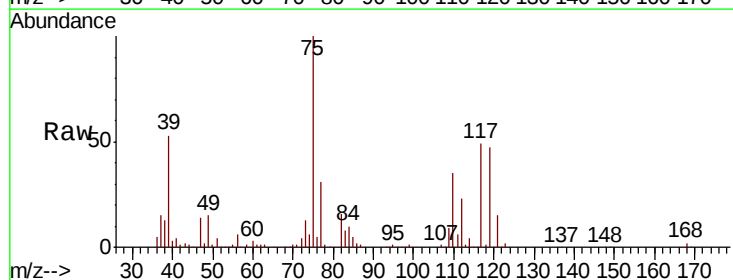
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

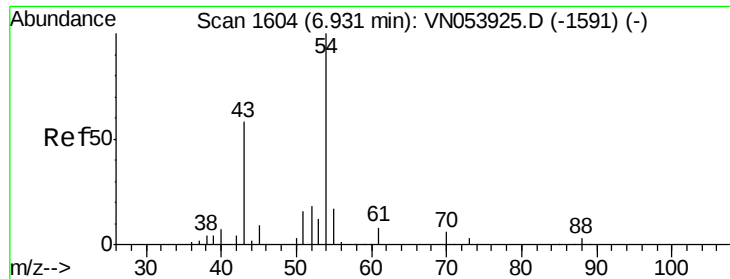
Tgt Ion: 113 Resp: 335539
 Ion Ratio Lower Upper
 113 100
 111 100.7 81.1 121.7
 192 21.2 18.8 28.2



#36
 1,1-Dichloropropene
 Concen: 49.569 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN053944.D
 Acq: 25 Feb 2019 21:50

Tgt Ion: 75 Resp: 481603
 Ion Ratio Lower Upper
 75 100
 110 36.2 19.0 57.0
 77 31.4 25.4 38.0

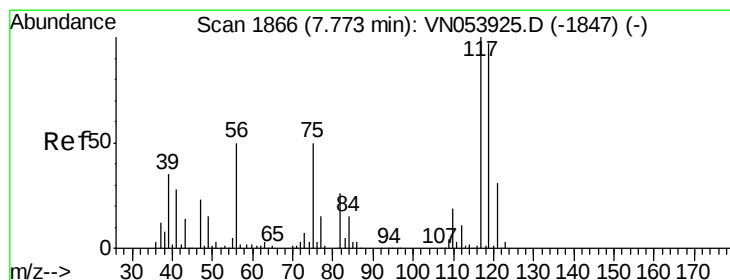
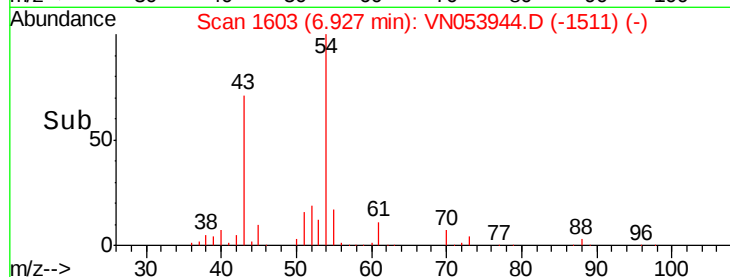
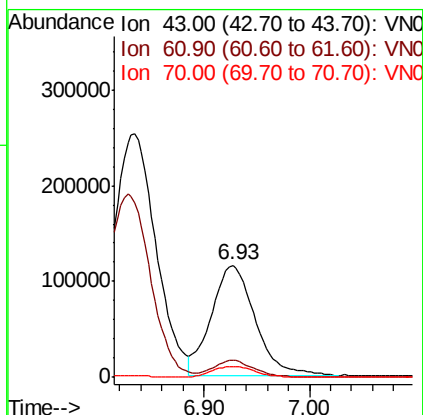
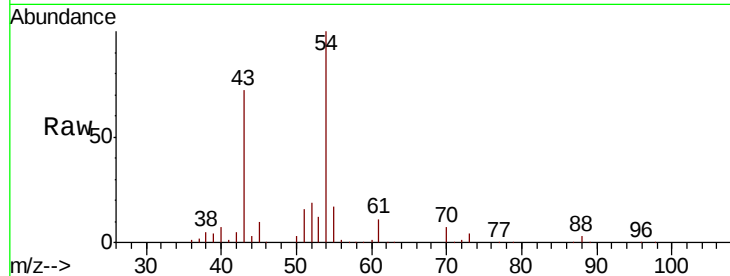




#37
 Ethyl Acetate
 Concen: 48.004 ug/l
 RT: 6.93 min Scan# 1603
 Delta R.T. -0.00 min
 Lab File: VN053944.D
 Acq: 25 Feb 2019 21:50

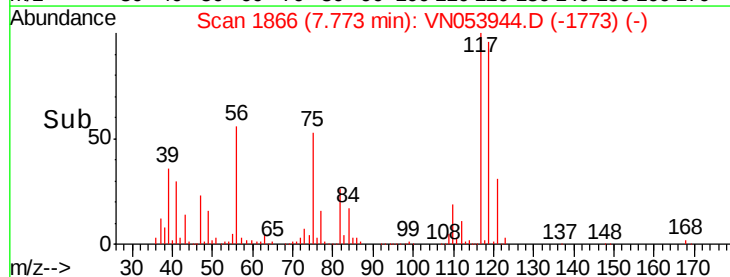
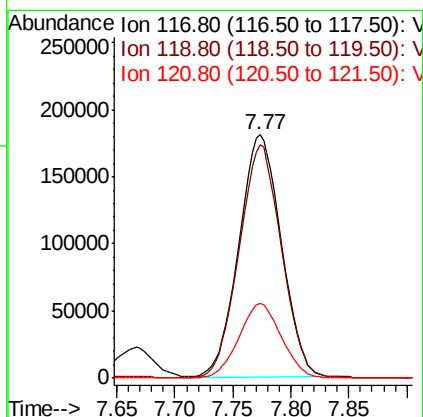
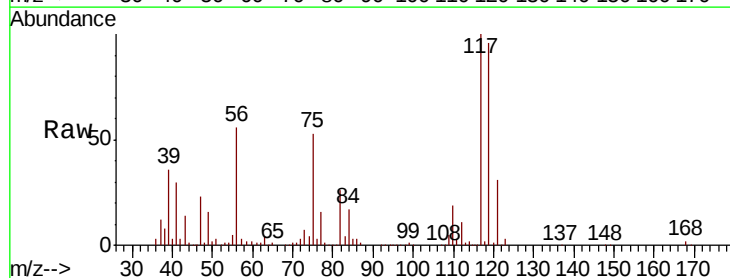
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

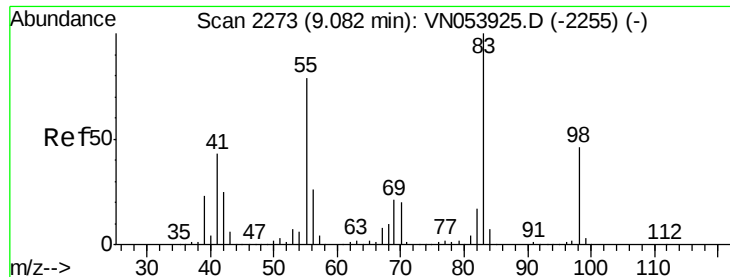
Tgt Ion: 43 Resp: 333021
 Ion Ratio Lower Upper
 43 100
 61 14.0 12.0 18.0
 70 10.0 8.7 13.1



#38
 Carbon Tetrachloride
 Concen: 45.391 ug/l
 RT: 7.77 min Scan# 1866
 Delta R.T. 0.00 min
 Lab File: VN053944.D
 Acq: 25 Feb 2019 21:50

Tgt Ion: 117 Resp: 458660
 Ion Ratio Lower Upper
 117 100
 119 96.2 76.2 114.2
 121 30.7 24.6 36.8

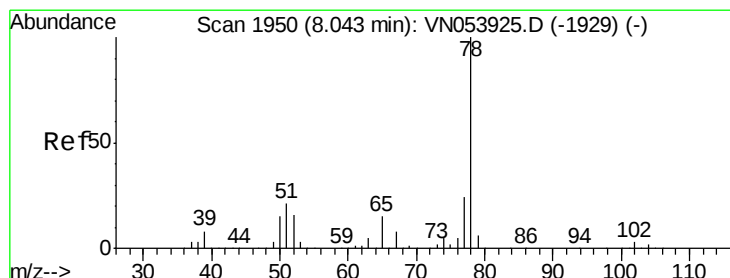
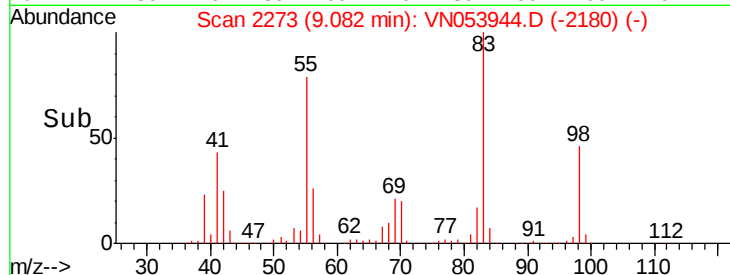
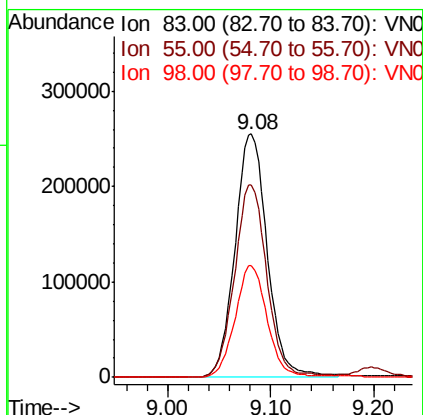
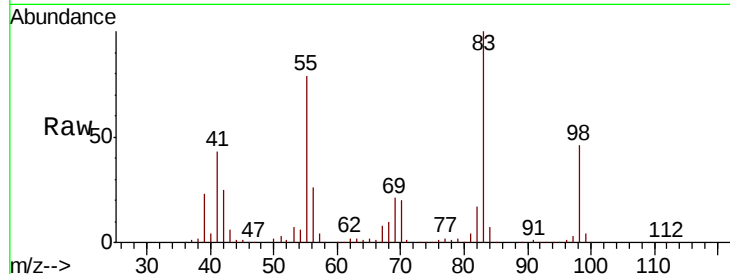




#39
Methylcyclohexane
Concen: 47.660 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN053944.D
Acq: 25 Feb 2019 21:50

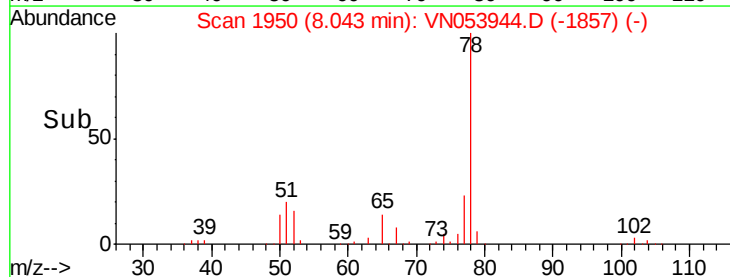
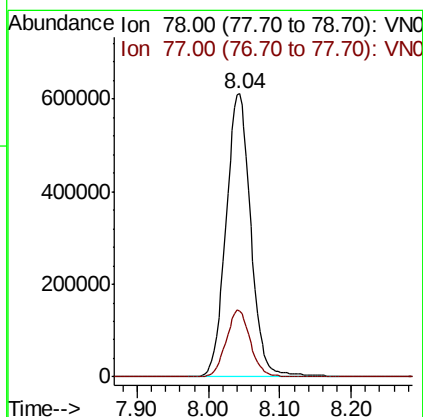
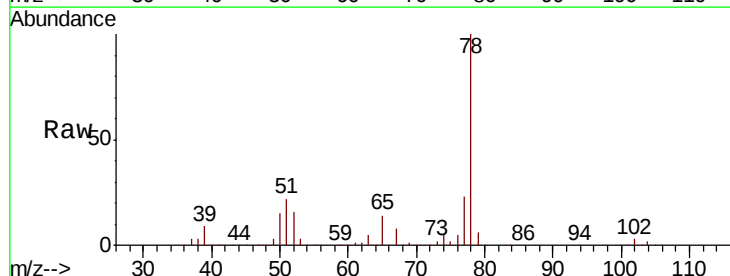
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

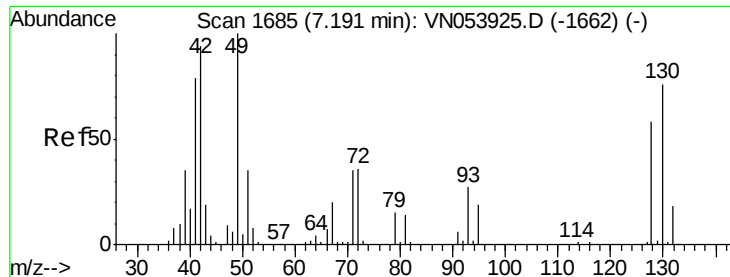
Tgt Ion: 83 Resp: 558111
Ion Ratio Lower Upper
83 100
55 79.1 58.2 87.4
98 46.1 37.2 55.8



#40
Benzene
Concen: 49.554 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN053944.D
Acq: 25 Feb 2019 21:50

Tgt Ion: 78 Resp: 1479030
Ion Ratio Lower Upper
78 100
77 23.4 18.8 28.2





#41

Methacrylonitrile

Concen: 41.129 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. -0.02 min

Lab File: VN053944.D

Acq: 25 Feb 2019 21:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 183727

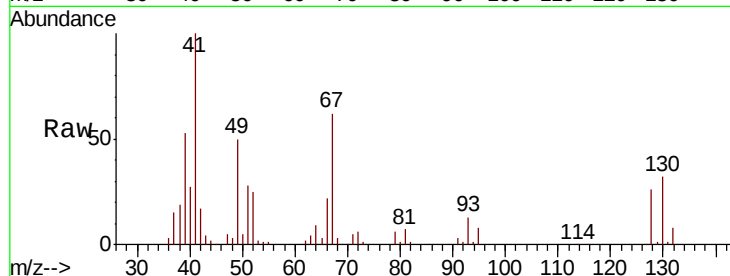
Ion Ratio Lower Upper

41 100

39 51.4 0.0 0.0#

67 79.4 0.0 0.0#

52 30.6 0.0 0.0#

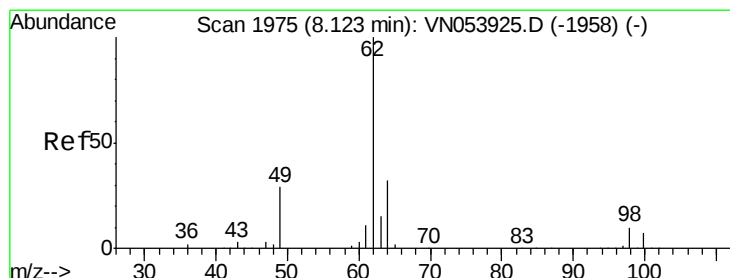
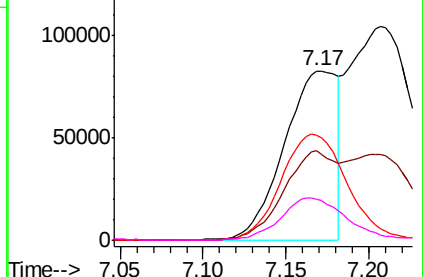
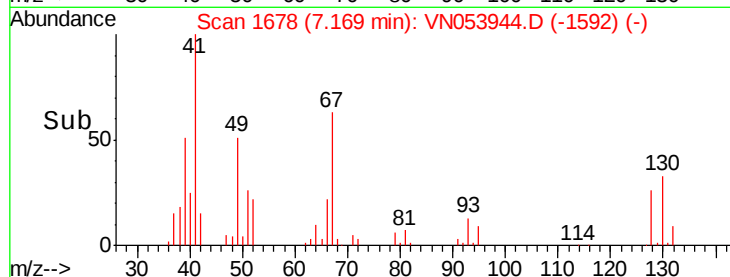


Abundance Ion 41.00 (40.70 to 41.70): VNC

Ion 39.00 (38.70 to 39.70): VNC

Ion 67.00 (66.70 to 67.70): VNC

Ion 52.00 (51.70 to 52.70): VNC



#42

1,2-Dichloroethane

Concen: 49.861 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. 0.00 min

Lab File: VN053944.D

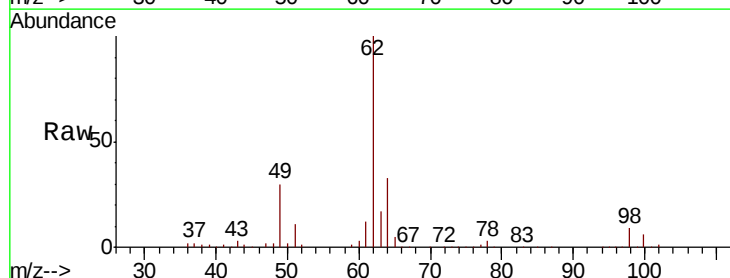
Acq: 25 Feb 2019 21:50

Tgt Ion: 62 Resp: 460742

Ion Ratio Lower Upper

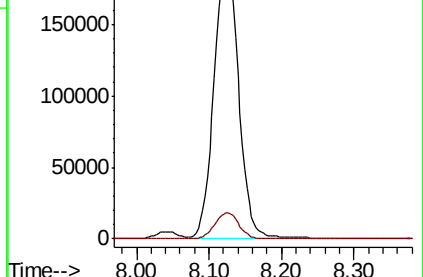
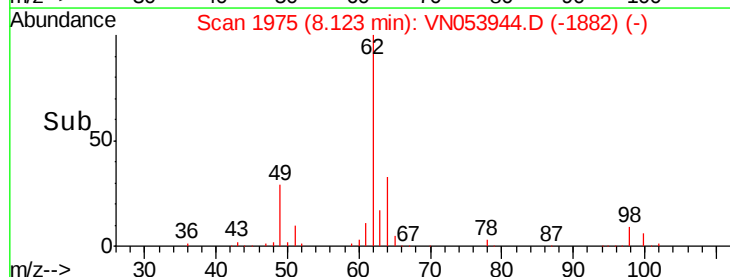
62 100

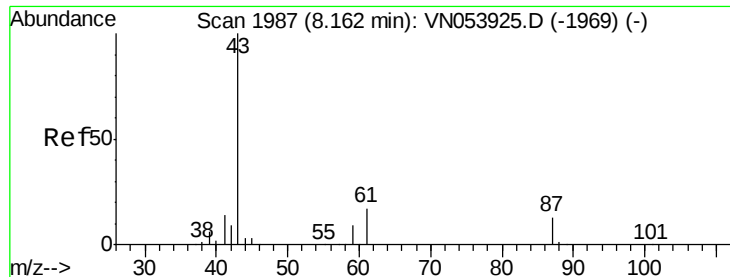
98 9.3 0.0 20.8



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 97.90 (97.60 to 98.60): VNC





#43

Isopropyl Acetate

Concen: 49.889 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN053944.D

Acq: 25 Feb 2019 21:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

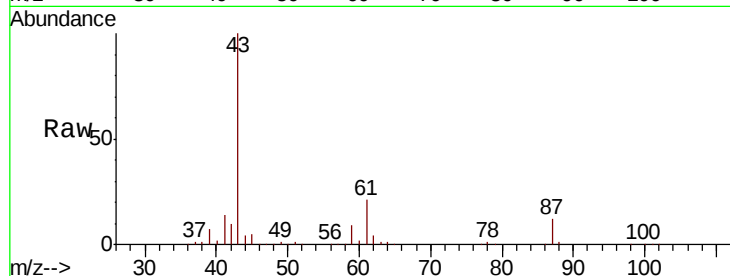
Tgt Ion: 43 Resp: 584361

Ion Ratio Lower Upper

43 100

61 27.6 17.4 26.0#

87 12.1 11.5 17.3

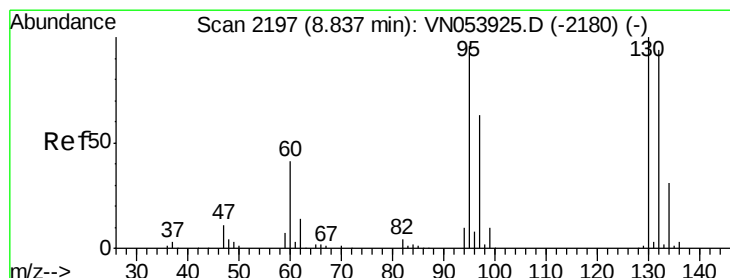
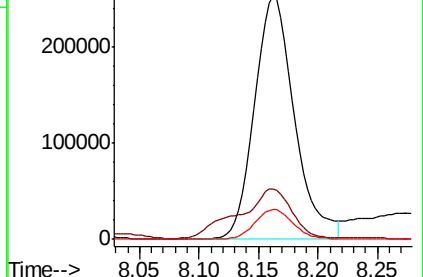
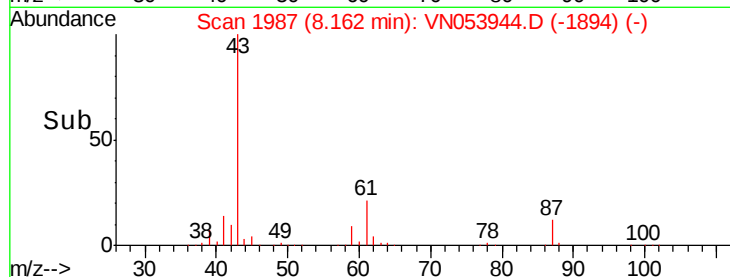


Abundance Ion 43.00 (42.70 to 43.70): VN053944.D (-1894) (-)

Ion 61.00 (60.70 to 61.70): VN053944.D (-1894) (-)

Ion 87.00 (86.70 to 87.70): VN053944.D (-1894) (-)

Time-->



#44

Trichloroethene

Concen: 48.469 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN053944.D

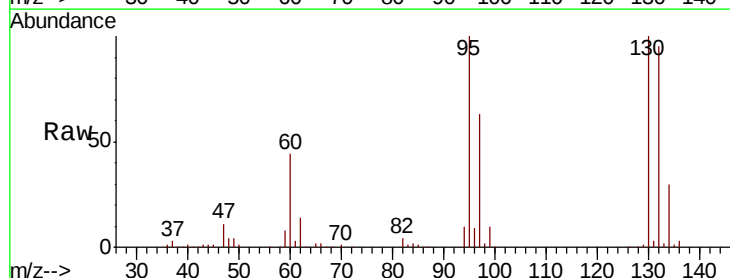
Acq: 25 Feb 2019 21:50

Tgt Ion: 130 Resp: 383526

Ion Ratio Lower Upper

130 100

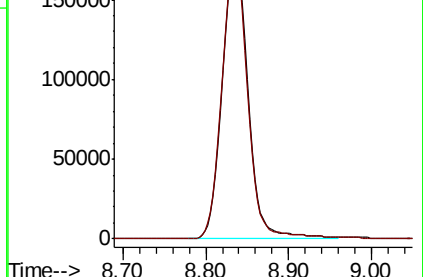
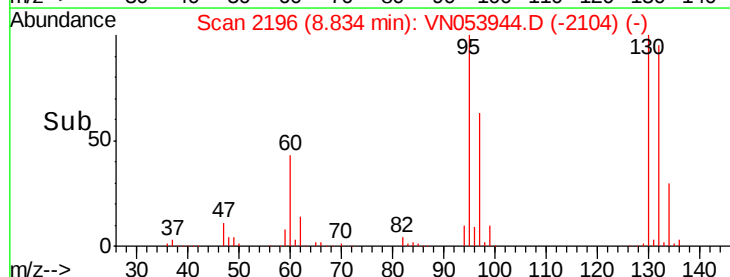
95 100.0 0.0 190.0

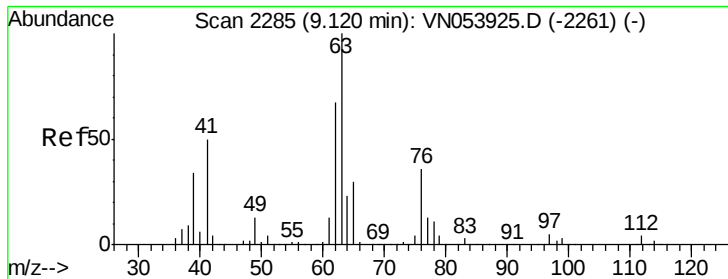


Abundance Ion 129.80 (129.50 to 130.50): VN053944.D (-2104) (-)

Ion 94.90 (94.60 to 95.60): VN053944.D (-2104) (-)

Time-->





#45

1,2-Dichloropropane

Concen: 49.067 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN053944.D

Acq: 25 Feb 2019 21:50

Instrument :

MSVOA_N

ClientSampleId :

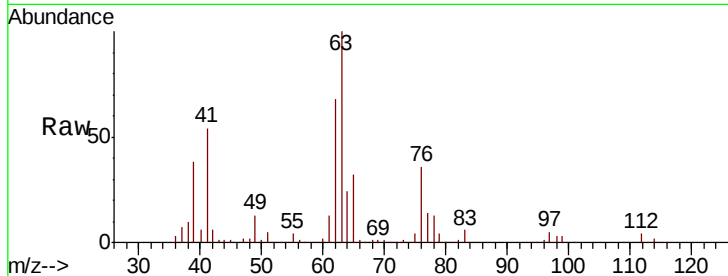
VSTDCCC050EC

Tgt Ion: 63 Resp: 395119

Ion Ratio Lower Upper

63 100

65 31.6 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VN053925.D (-2261) (-)

Ion 64.90 (64.60 to 65.60): VN053925.D (-2261) (-)

9.12

200000

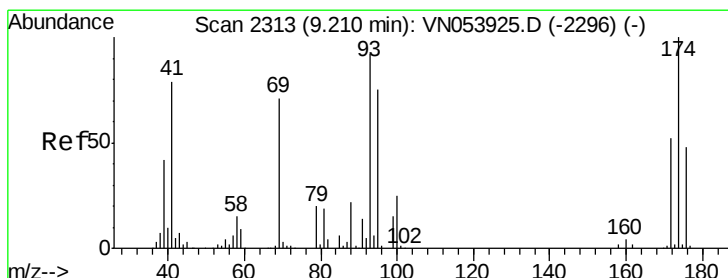
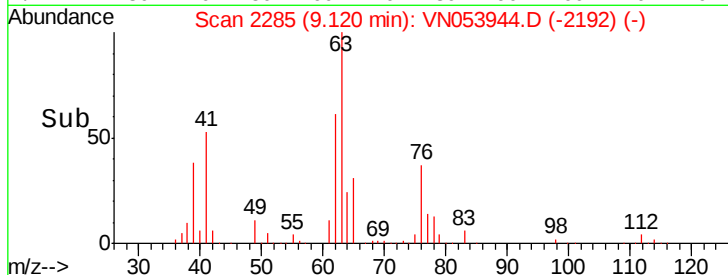
150000

100000

50000

0

Time-->



#46

Dibromomethane

Concen: 49.387 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN053944.D

Acq: 25 Feb 2019 21:50

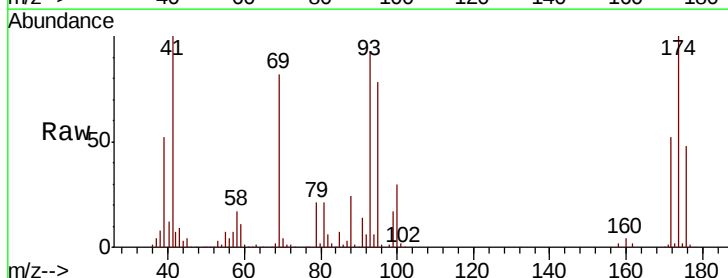
Tgt Ion: 93 Resp: 230882

Ion Ratio Lower Upper

93 100

95 82.9 66.6 100.0

174 106.9 96.2 144.4



Abundance Ion 92.80 (92.50 to 93.50): VN053925.D (-2296) (-)

Ion 94.80 (94.50 to 95.50): VN053925.D (-2296) (-)

Ion 173.70 (173.40 to 174.40): VN053925.D (-2296) (-)

9.21

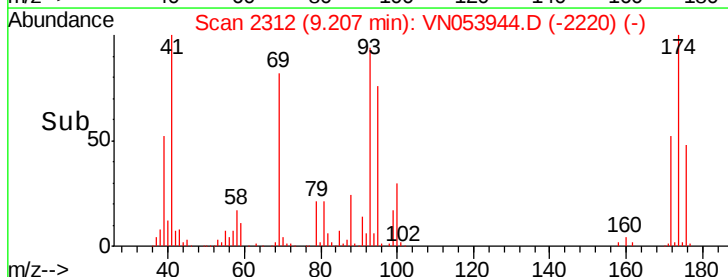
150000

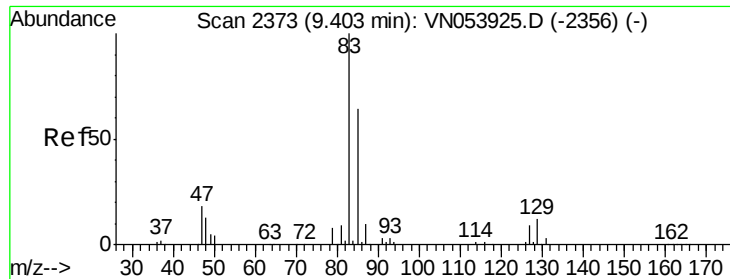
100000

50000

0

Time-->





#47

Bromodichloromethane

Concen: 49.064 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN053944.D

Acq: 25 Feb 2019 21:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

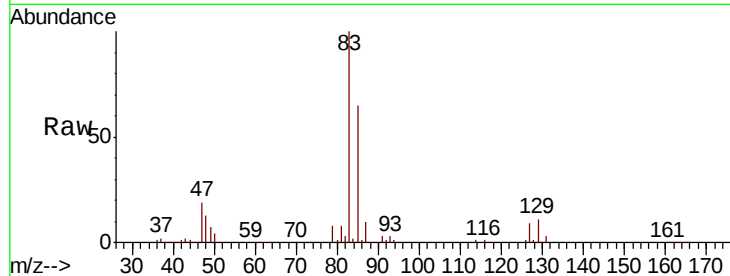
Tgt Ion: 83 Resp: 483385

Ion Ratio Lower Upper

83 100

85 64.8 51.8 77.6

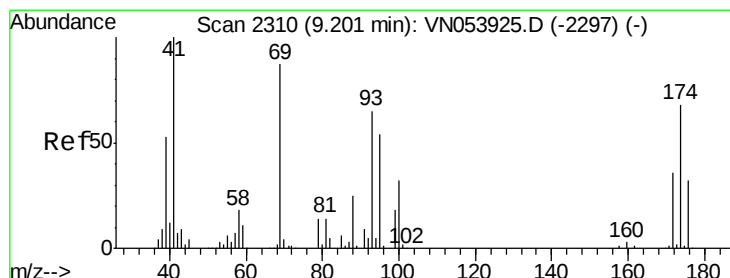
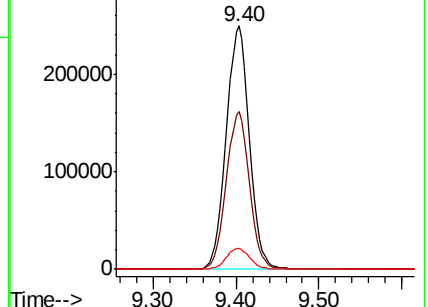
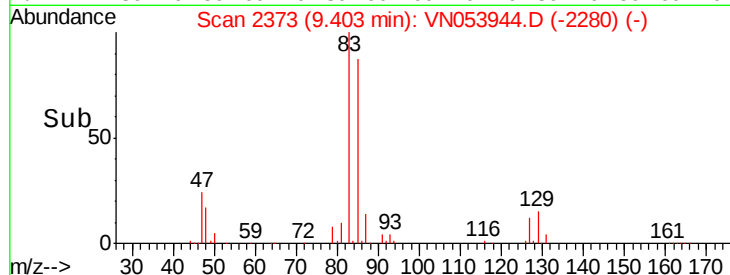
127 8.6 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VN053944.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN053944.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN053944.D (-2280) (-)



#48

Methyl methacrylate

Concen: 52.094 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN053944.D

Acq: 25 Feb 2019 21:50

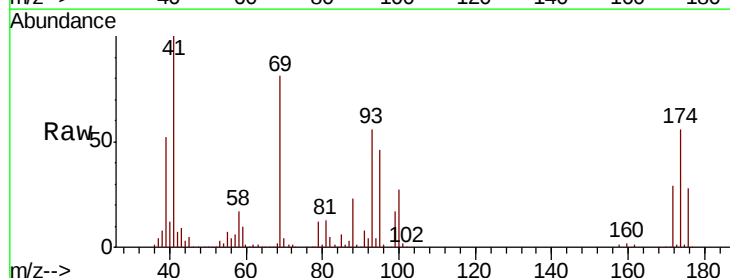
Tgt Ion: 41 Resp: 280670

Ion Ratio Lower Upper

41 100

69 88.3 74.8 112.2

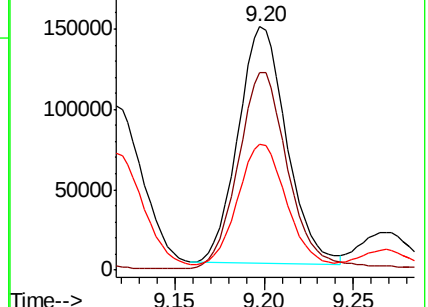
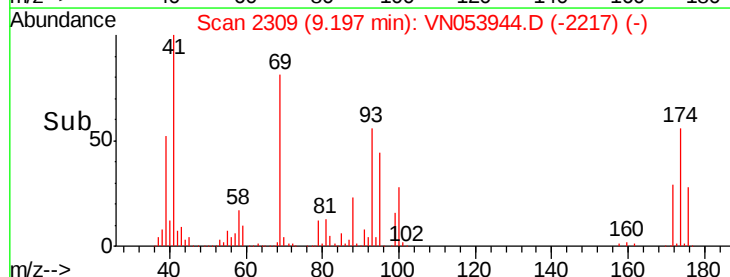
39 54.2 39.0 58.6

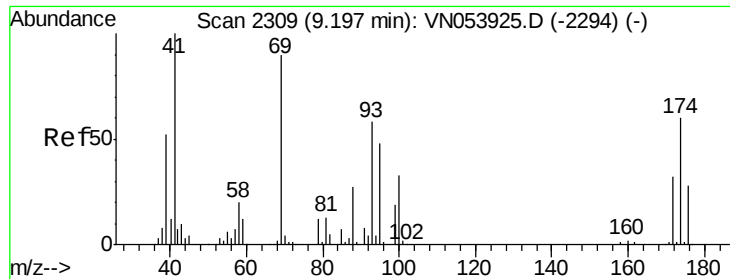


Abundance Ion 41.00 (40.70 to 41.70): VN053944.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN053944.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN053944.D (-2217) (-)





#49

1,4-Dioxane

Concen: 1030.899 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN053944.D

Acq: 25 Feb 2019 21:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

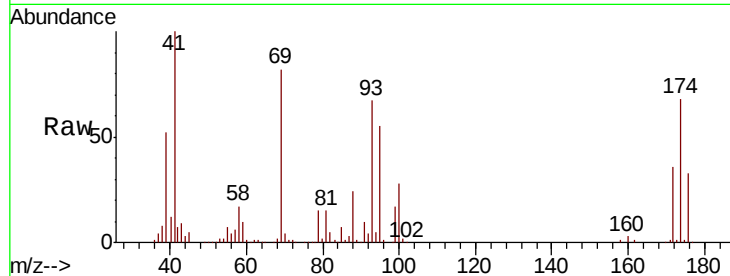
Tgt Ion: 88 Resp: 75228

Ion Ratio Lower Upper

88 100

43 32.2 21.2 31.8#

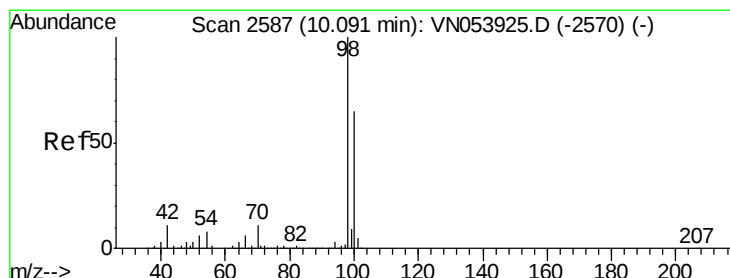
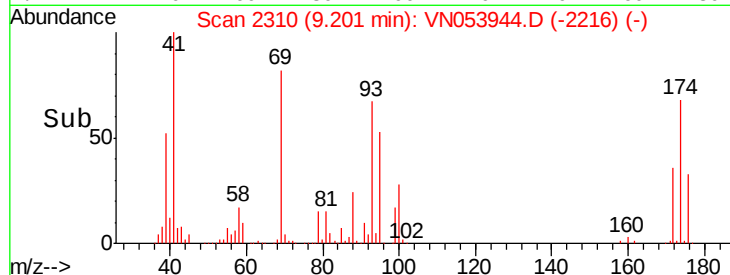
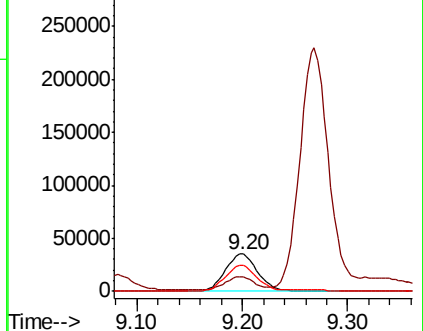
58 69.6 54.2 81.2



Abundance Ion 88.00 (87.70 to 88.70): VN053944.D (-2216) (-)

Ion 43.00 (42.70 to 43.70): VN053944.D (-2216) (-)

Ion 58.00 (57.70 to 58.70): VN053944.D (-2216) (-)



#50

Toluene-d8

Concen: 49.415 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053944.D

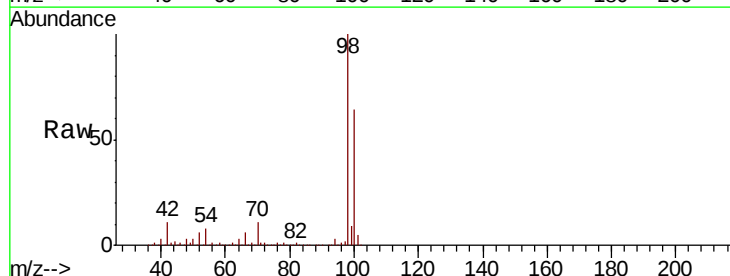
Acq: 25 Feb 2019 21:50

Tgt Ion: 98 Resp: 1242750

Ion Ratio Lower Upper

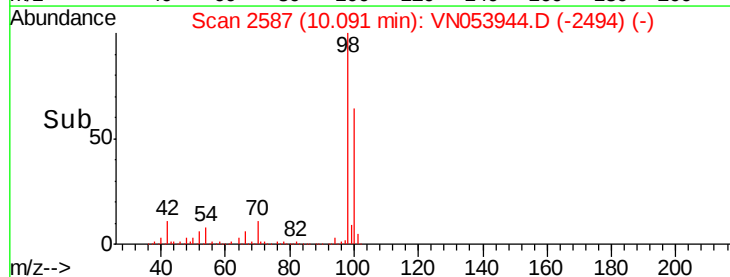
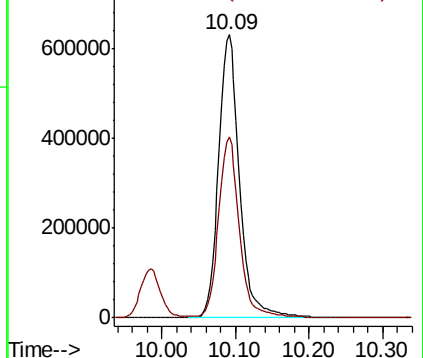
98 100

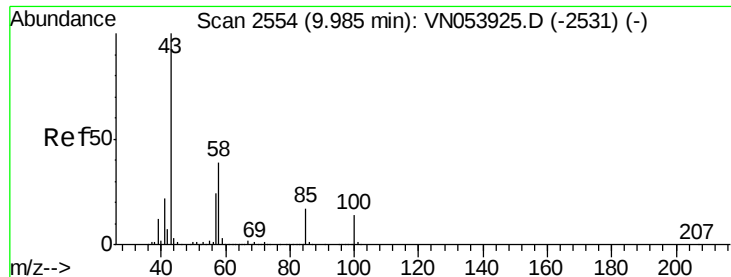
100 64.2 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN053944.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN053944.D (-2494) (-)

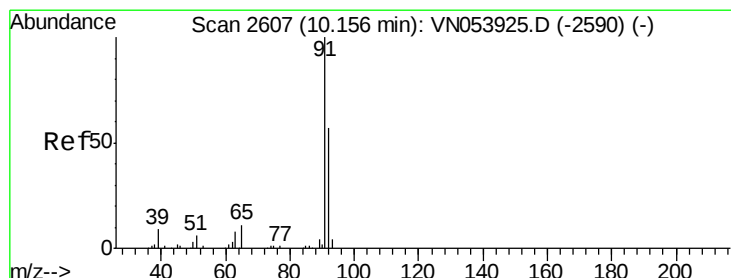
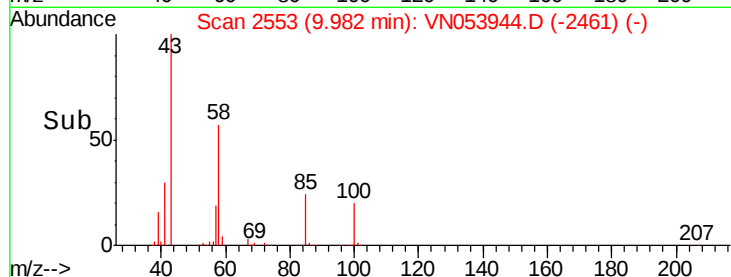
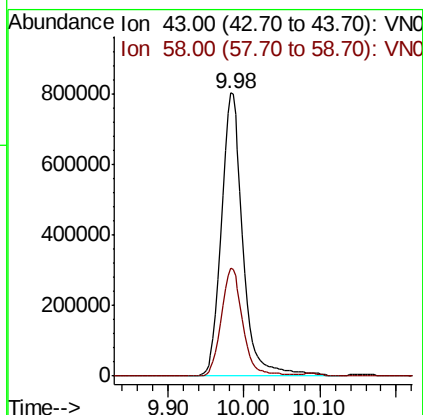
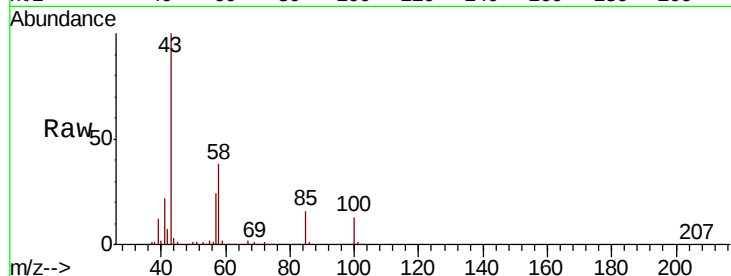




#51
 4-Methyl-2-Pentanone
 Concen: 261.752 ug/l
 RT: 9.98 min Scan# 2553
 Delta R.T. -0.00 min
 Lab File: VN053944.D
 Acq: 25 Feb 2019 21:50

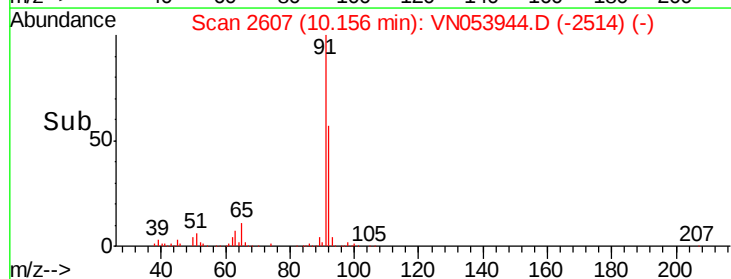
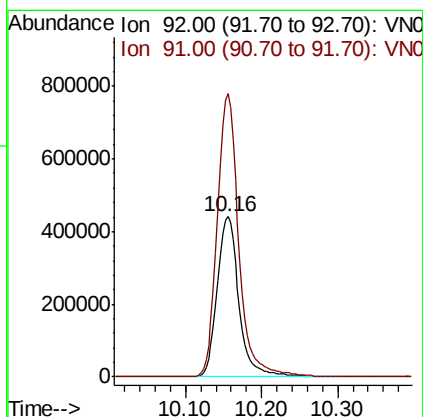
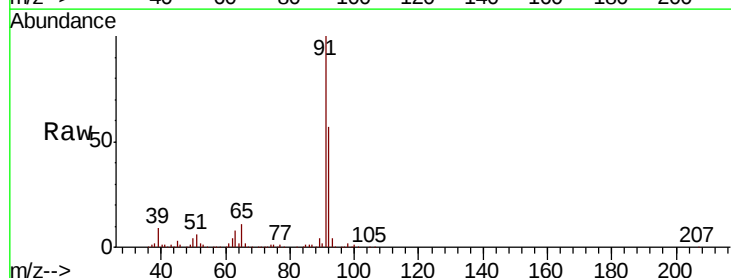
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

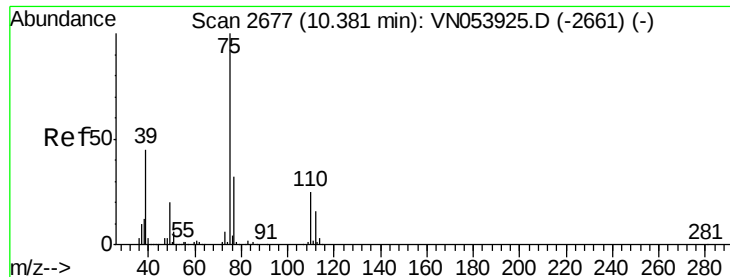
Tgt Ion: 43 Resp: 1575499
 Ion Ratio Lower Upper
 43 100
 58 38.3 32.7 49.1



#52
 Toluene
 Concen: 49.754 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. 0.00 min
 Lab File: VN053944.D
 Acq: 25 Feb 2019 21:50

Tgt Ion: 92 Resp: 874425
 Ion Ratio Lower Upper
 92 100
 91 175.0 138.4 207.6





#53

t-1,3-Dichloropropene

Concen: 50.844 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN053944.D

Acq: 25 Feb 2019 21:50

Instrument :

MSVOA_N

ClientSampleId :

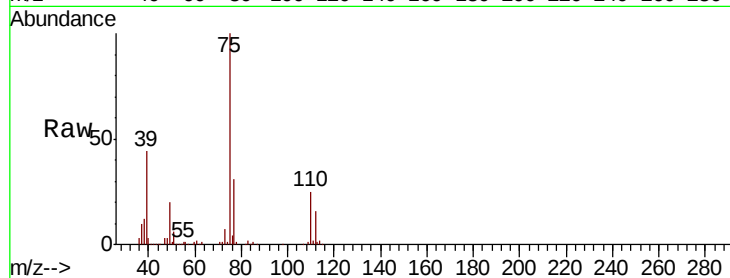
VSTDCCC050EC

Tgt Ion: 75 Resp: 487396

Ion Ratio Lower Upper

75 100

77 31.3 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

250000

200000

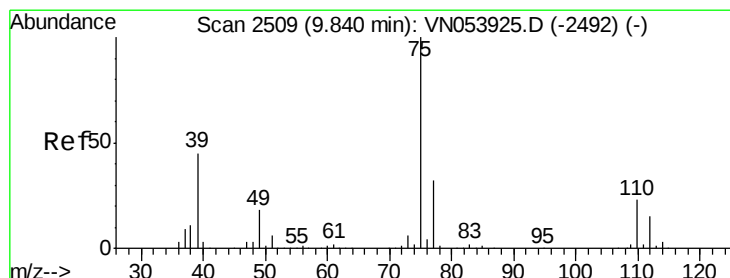
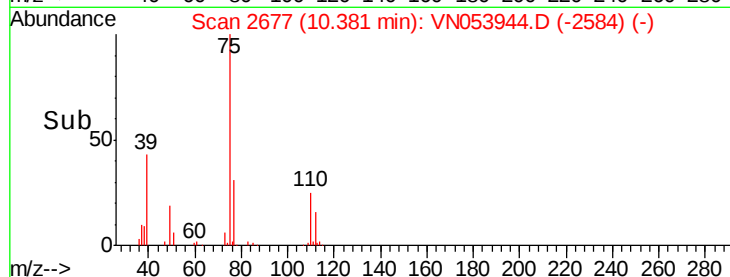
150000

100000

50000

0

Time--> 10.30 10.40 10.50



#54

cis-1,3-Dichloropropene

Concen: 50.040 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN053944.D

Acq: 25 Feb 2019 21:50

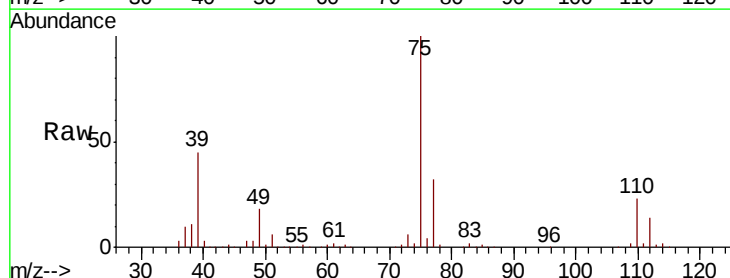
Tgt Ion: 75 Resp: 565498

Ion Ratio Lower Upper

75 100

77 32.1 25.8 38.6

39 45.2 31.4 47.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.84

400000

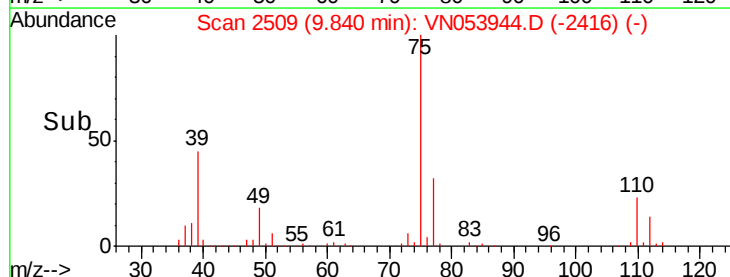
300000

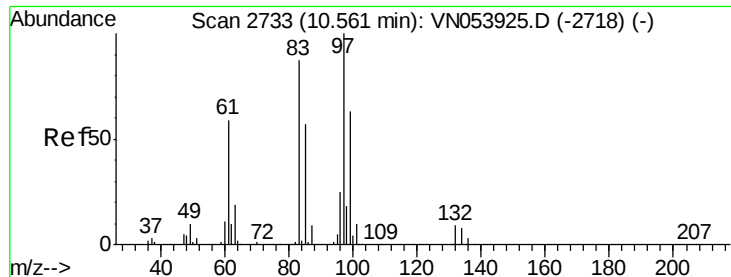
200000

100000

0

Time--> 9.70 9.80 9.90 10.00

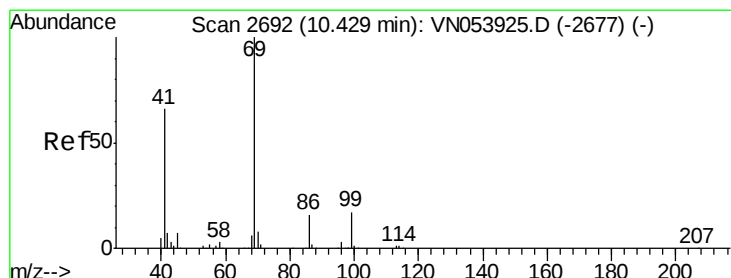
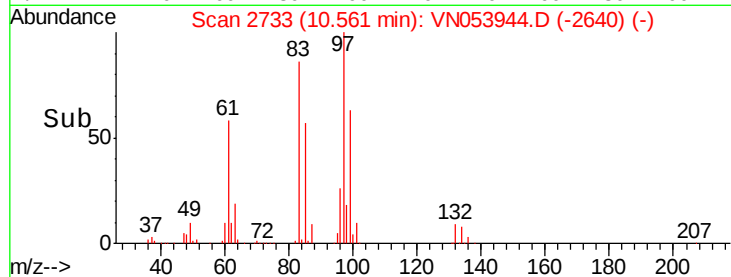
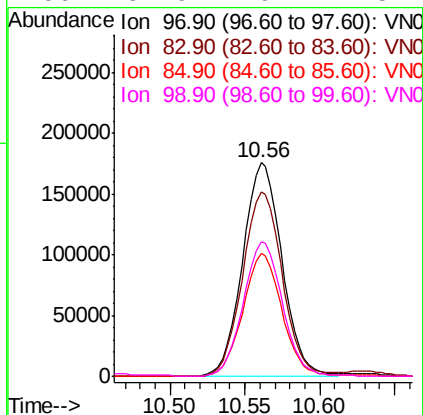
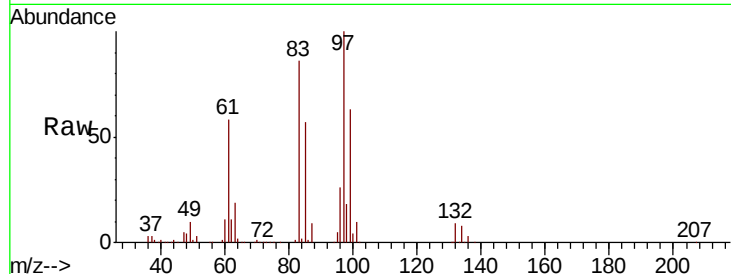




#55
 1,1,2-Trichloroethane
 Concen: 48.898 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN053944.D
 Acq: 25 Feb 2019 21:50

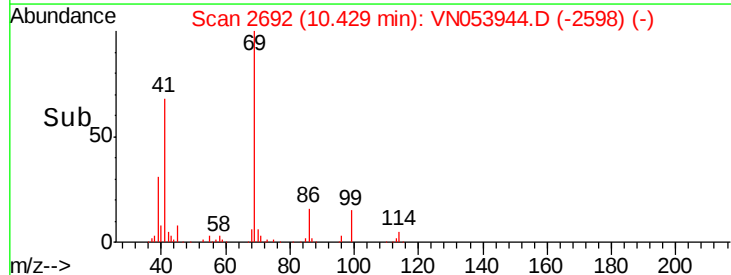
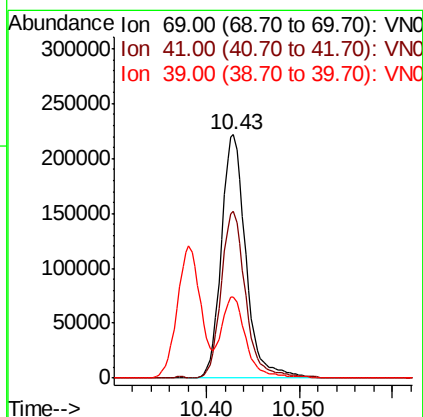
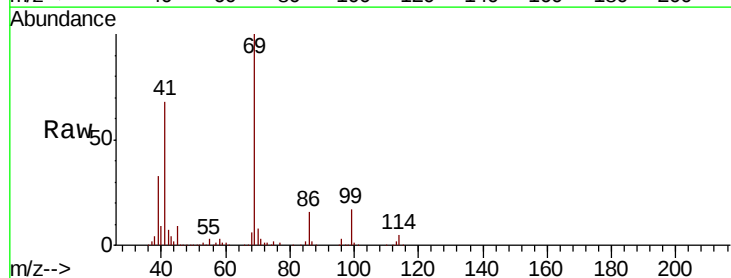
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

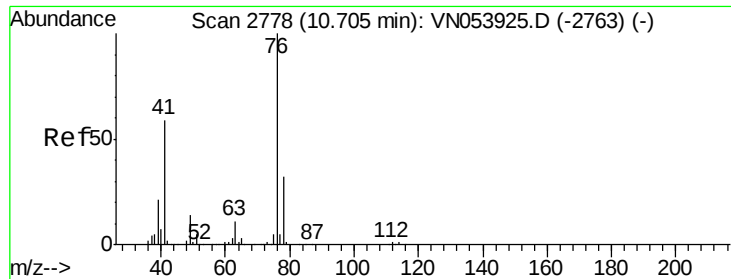
Tgt Ion: 97 Resp: 320946
 Ion Ratio Lower Upper
 97 100
 83 86.1 69.5 104.3
 85 57.4 45.9 68.9
 99 62.9 49.1 73.7



#56
 Ethyl methacrylate
 Concen: 47.398 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN053944.D
 Acq: 25 Feb 2019 21:50

Tgt Ion: 69 Resp: 407009
 Ion Ratio Lower Upper
 69 100
 41 67.6 47.5 71.3
 39 33.3 23.4 35.0

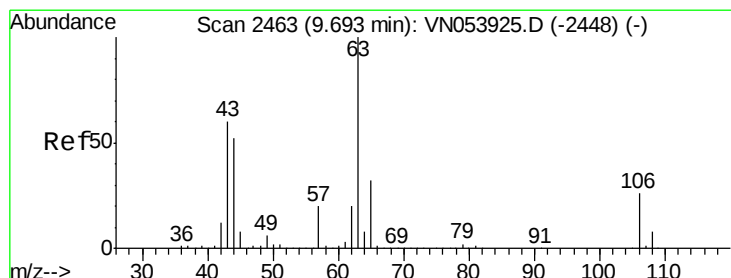
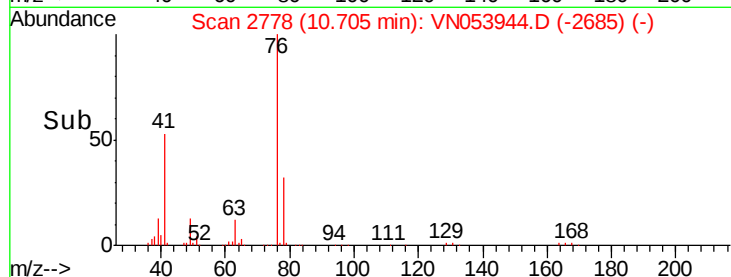
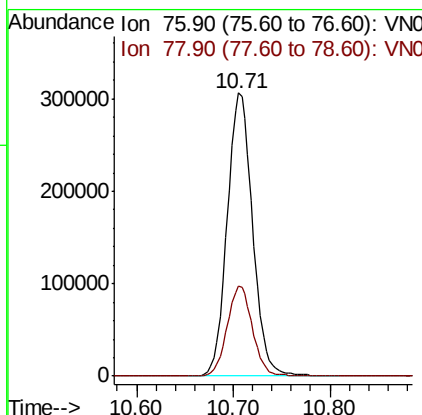
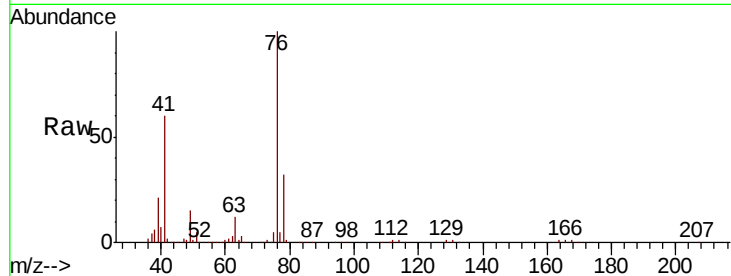




#57
 1,3-Dichloropropane
 Concen: 50.326 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN053944.D
 Acq: 25 Feb 2019 21:50

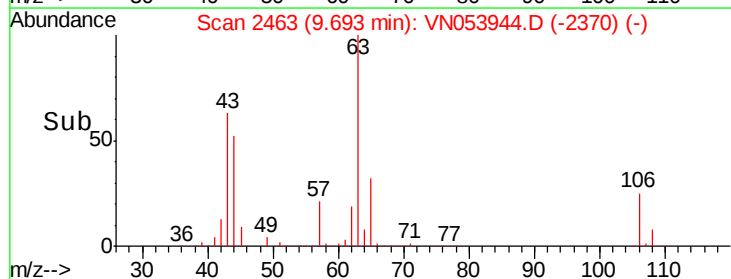
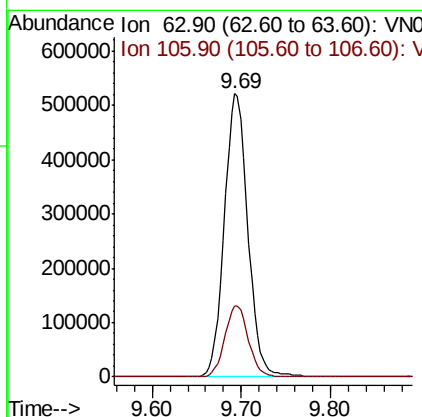
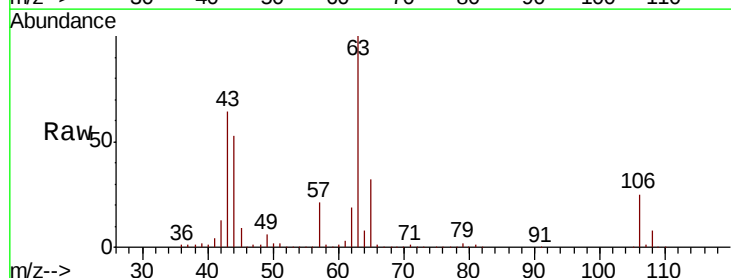
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

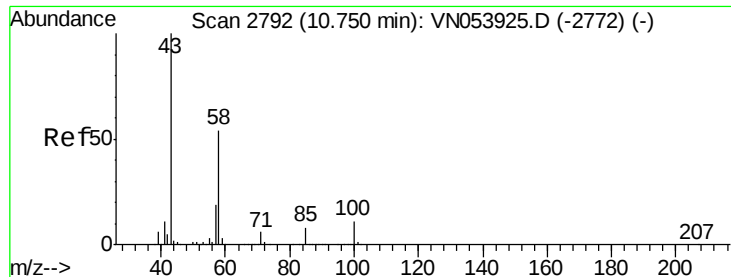
Tgt Ion: 76 Resp: 558118
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 238.236 ug/l
 RT: 9.69 min Scan# 2463
 Delta R.T. 0.00 min
 Lab File: VN053944.D
 Acq: 25 Feb 2019 21:50

Tgt Ion: 63 Resp: 951848
 Ion Ratio Lower Upper
 63 100
 106 25.0 22.2 33.2

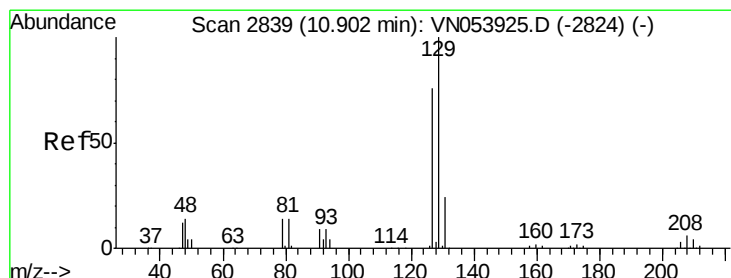
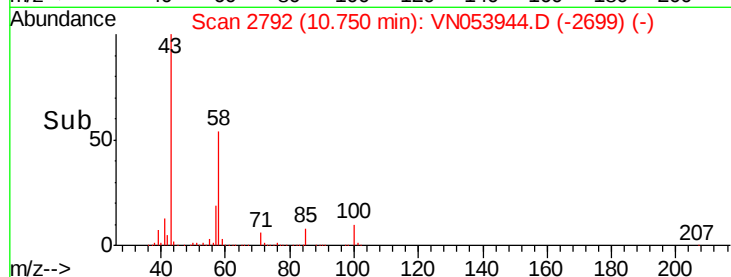
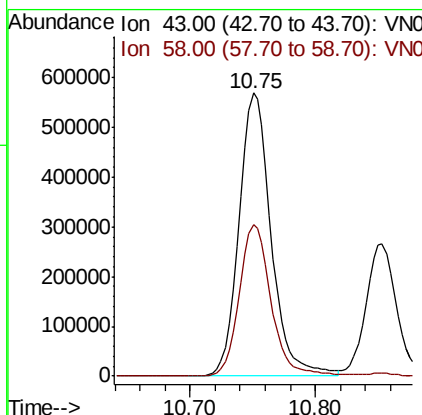
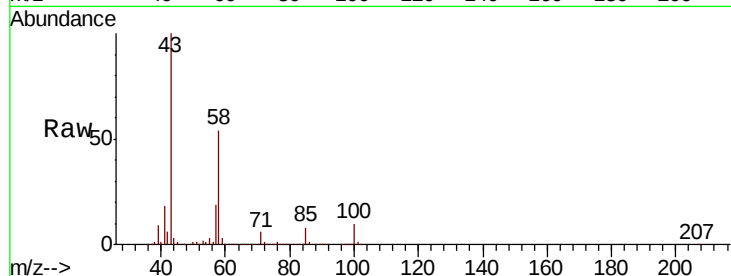




#59
2-Hexanone
Concen: 257.107 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN053944.D
Acq: 25 Feb 2019 21:50

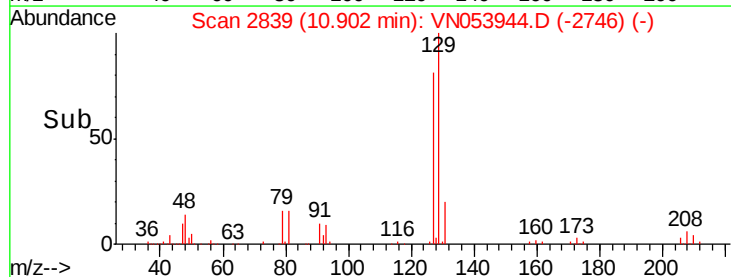
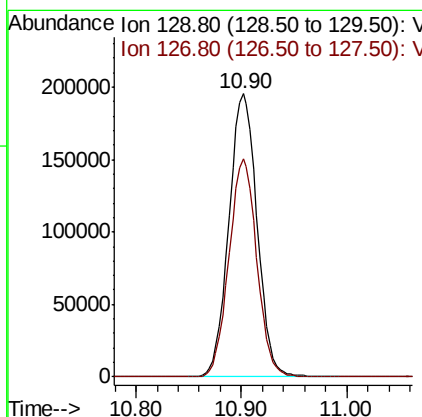
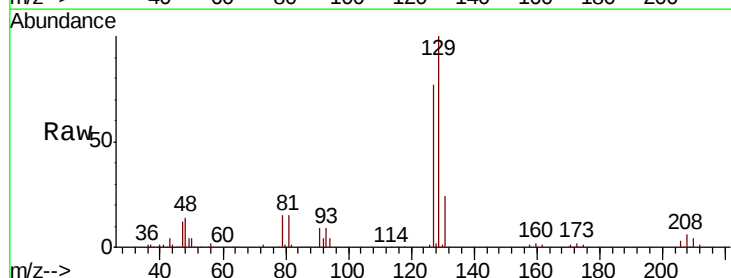
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

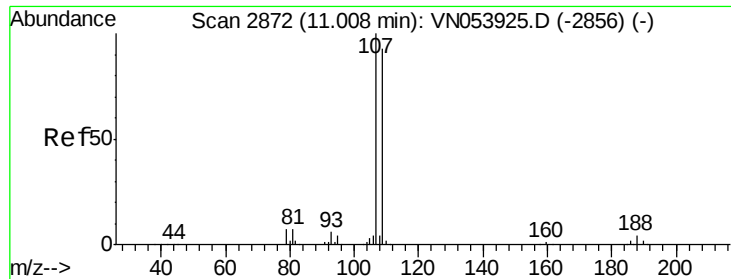
Tgt Ion: 43 Resp: 1006494
Ion Ratio Lower Upper
43 100
58 53.4 29.1 87.4



#60
Dibromochloromethane
Concen: 49.614 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN053944.D
Acq: 25 Feb 2019 21:50

Tgt Ion: 129 Resp: 361912
Ion Ratio Lower Upper
129 100
127 75.9 38.8 116.3

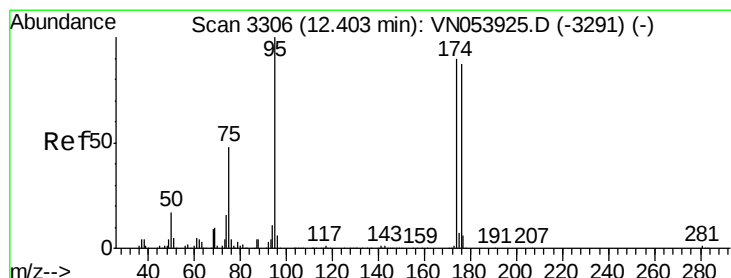
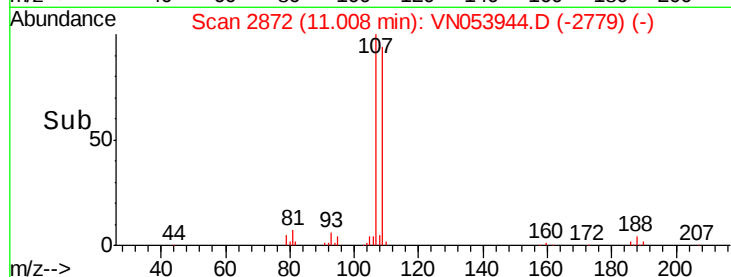
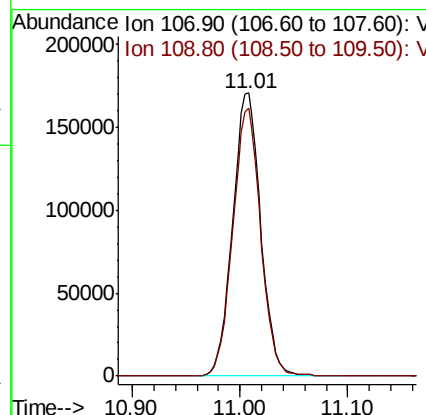
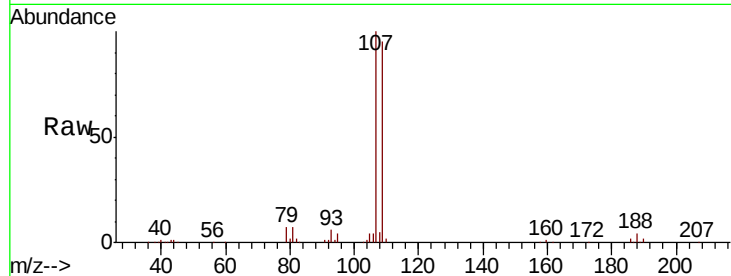




#61
 1,2-Dibromoethane
 Concen: 48.988 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN053944.D
 Acq: 25 Feb 2019 21:50

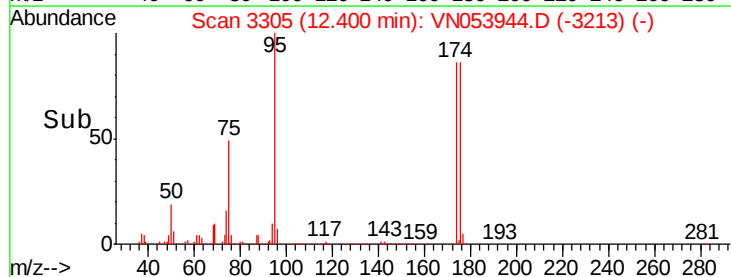
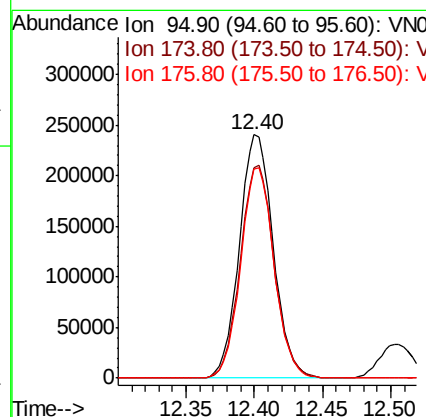
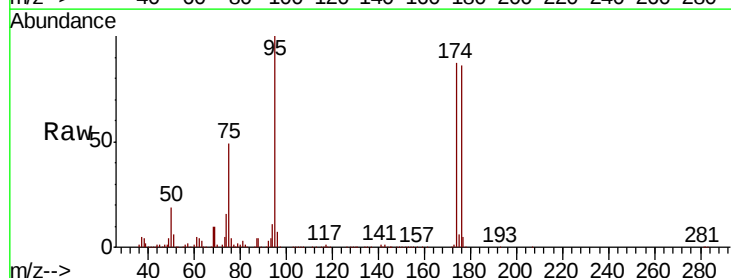
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

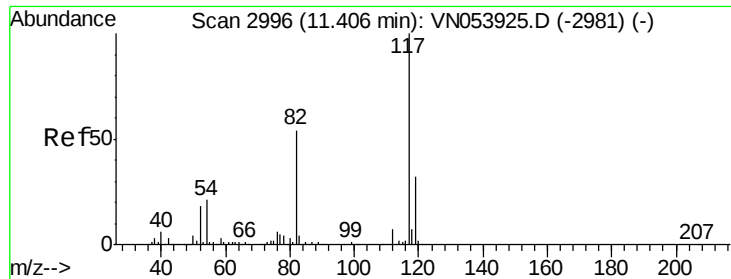
Tgt Ion: 107 Resp: 310168
 Ion Ratio Lower Upper
 107 100
 109 94.0 76.3 114.5



#62
 4-Bromofluorobenzene
 Concen: 49.429 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN053944.D
 Acq: 25 Feb 2019 21:50

Tgt Ion: 95 Resp: 414166
 Ion Ratio Lower Upper
 95 100
 174 87.4 0.0 188.8
 176 85.4 0.0 182.6

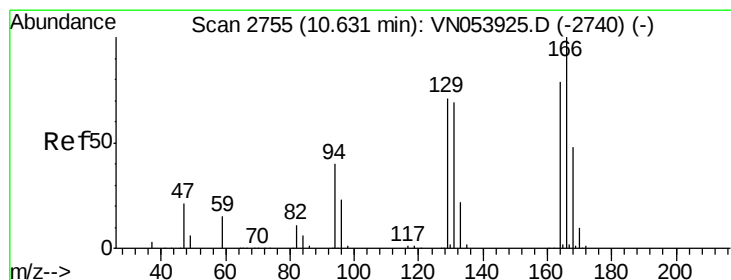
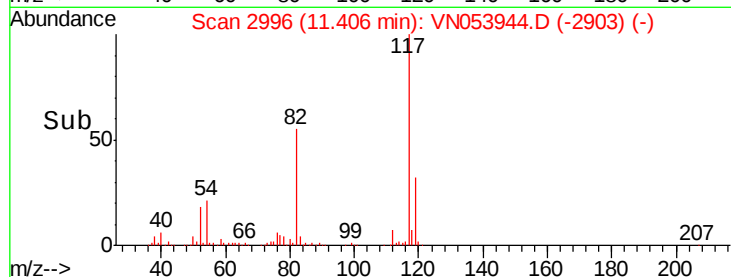
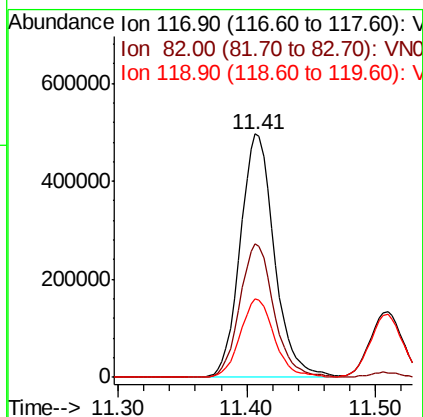
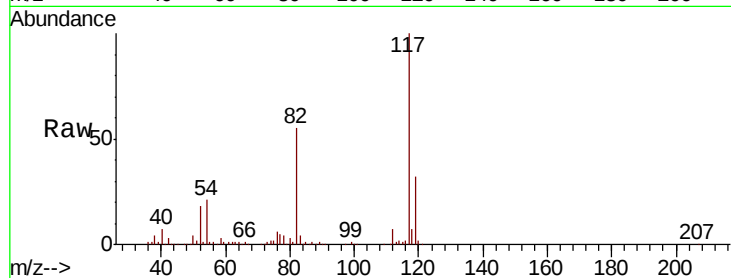




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053944.D
Acq: 25 Feb 2019 21:50

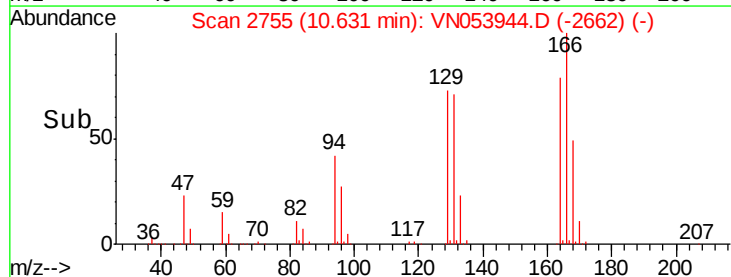
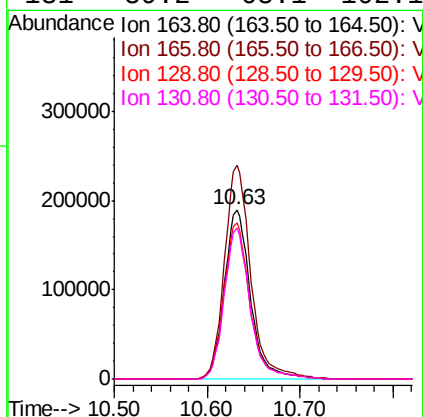
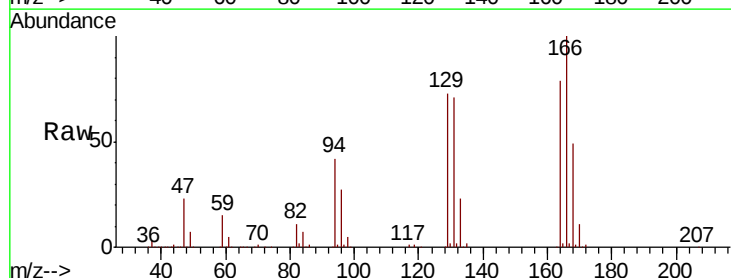
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

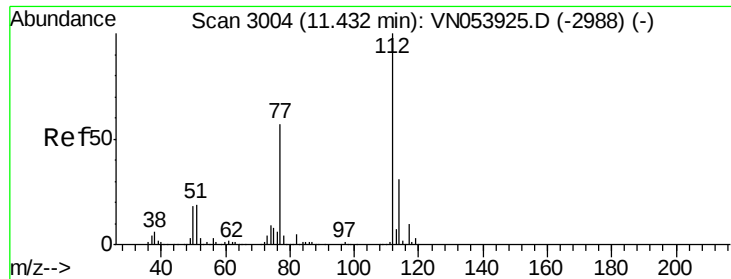
Tgt Ion:117 Resp: 915255
Ion Ratio Lower Upper
117 100
82 54.7 41.4 62.2
119 32.2 25.3 37.9



#64
Tetrachloroethene
Concen: 47.984 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN053944.D
Acq: 25 Feb 2019 21:50

Tgt Ion:164 Resp: 371883
Ion Ratio Lower Upper
164 100
166 126.2 102.6 153.8
129 91.9 69.4 104.0
131 89.2 68.1 102.1





#65

Chlorobenzene

Concen: 48.097 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN053944.D

Acq: 25 Feb 2019 21:50

Instrument :

MSVOA_N

ClientSampleId :

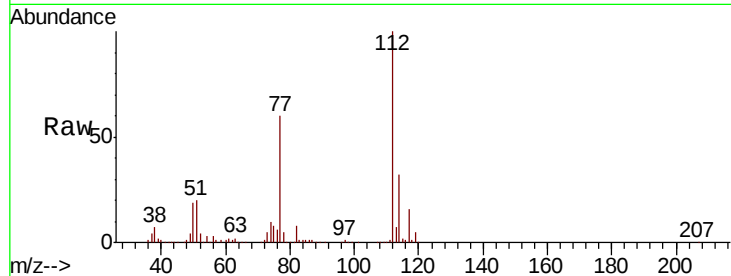
VSTDCCC050EC

Tgt Ion:112 Resp: 929053

Ion Ratio Lower Upper

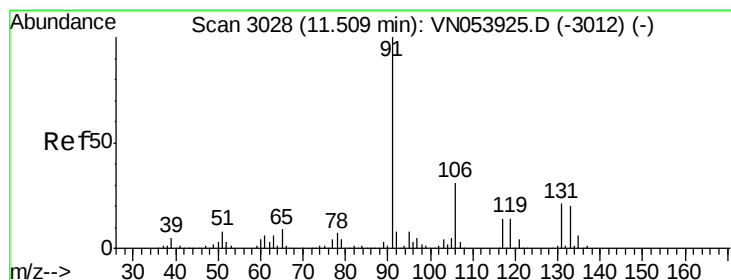
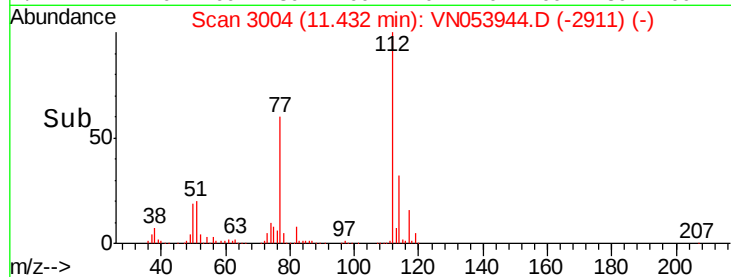
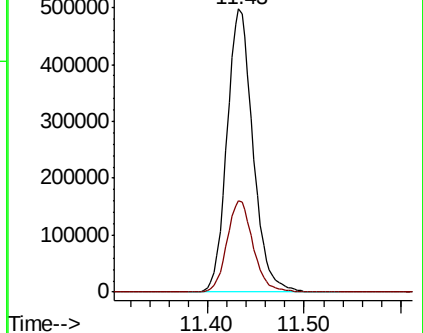
112 100

114 32.2 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 49.591 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN053944.D

Acq: 25 Feb 2019 21:50

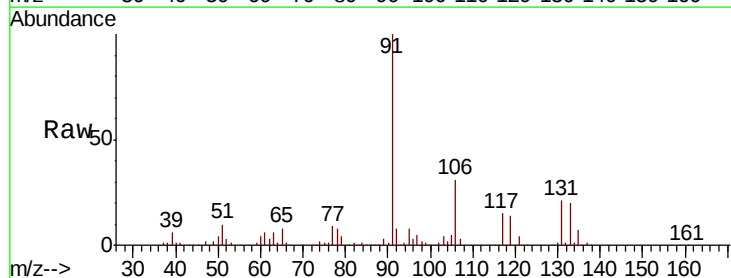
Tgt Ion:131 Resp: 345231

Ion Ratio Lower Upper

131 100

133 94.6 47.7 143.1

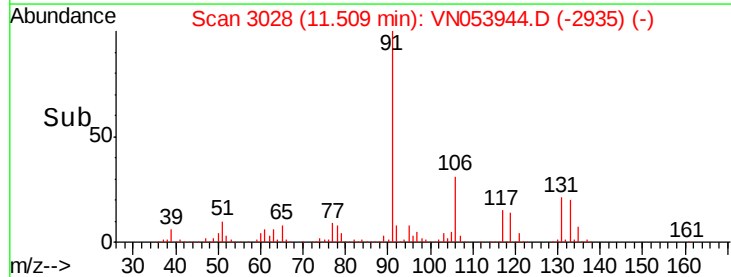
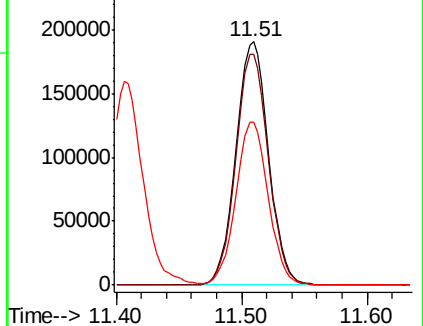
119 66.5 33.1 99.3

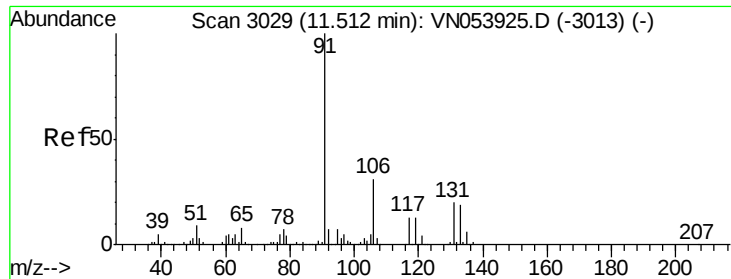


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

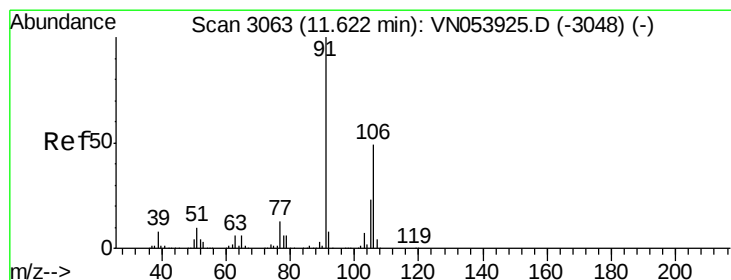
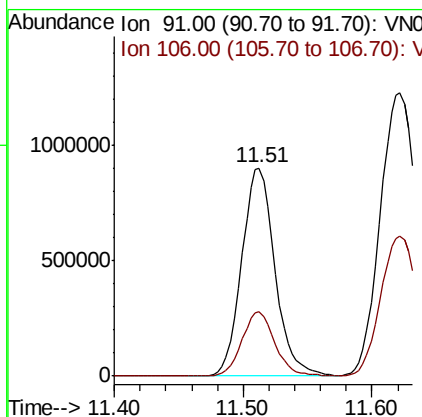
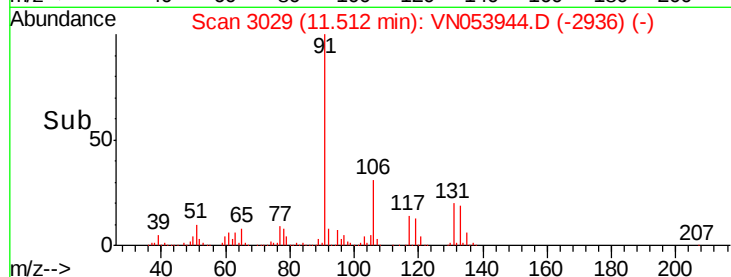
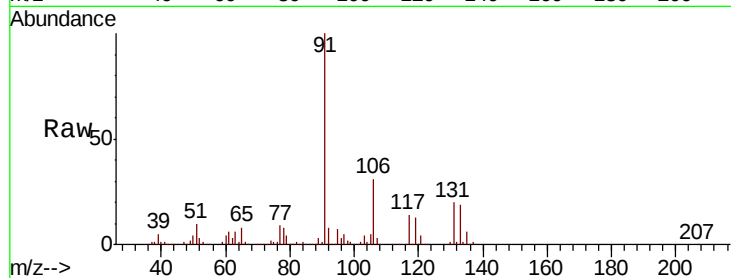




#67
Ethyl Benzene
Concen: 50.014 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053944.D
Acq: 25 Feb 2019 21:50

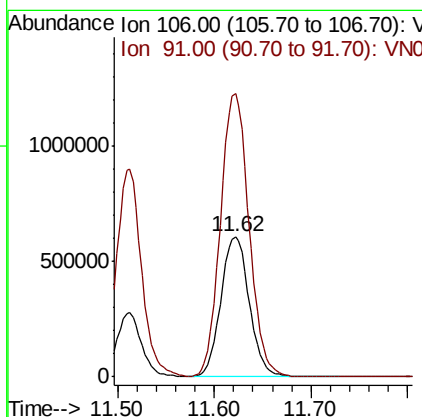
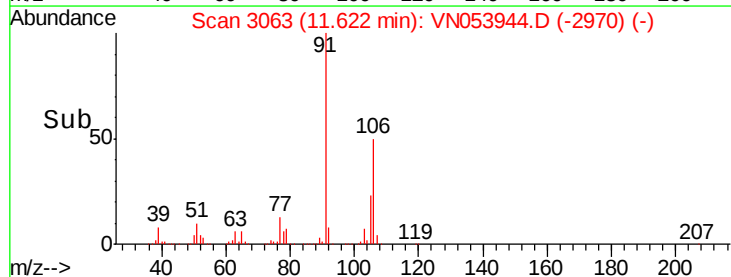
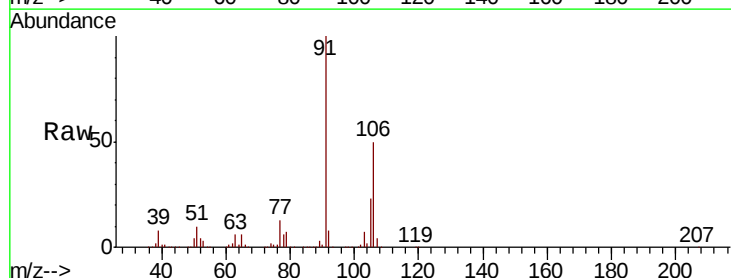
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

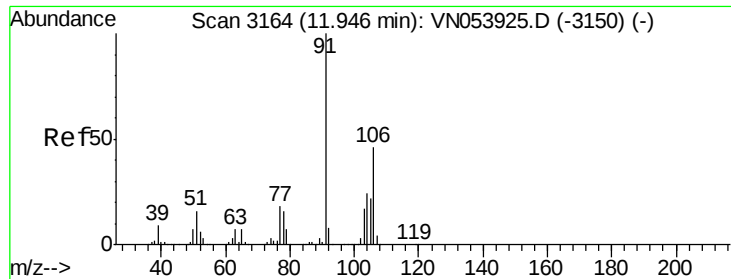
Tgt Ion: 91 Resp: 1619554
Ion Ratio Lower Upper
91 100
106 30.8 25.2 37.8



#68
m/p-Xylenes
Concen: 101.445 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN053944.D
Acq: 25 Feb 2019 21:50

Tgt Ion: 106 Resp: 1239841
Ion Ratio Lower Upper
106 100
91 203.2 158.9 238.3

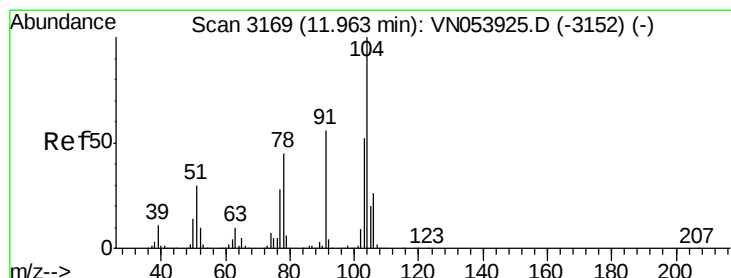
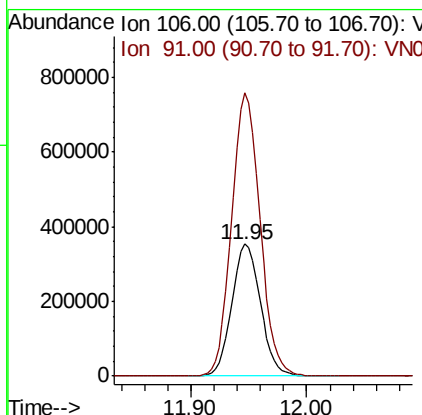
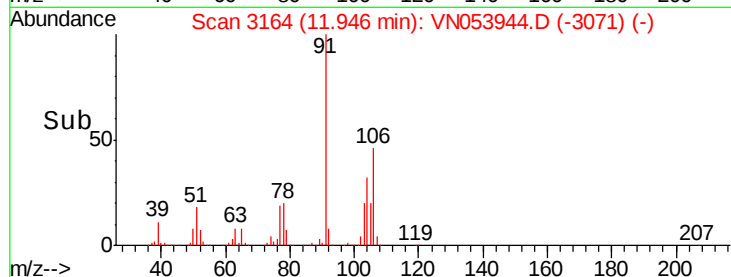
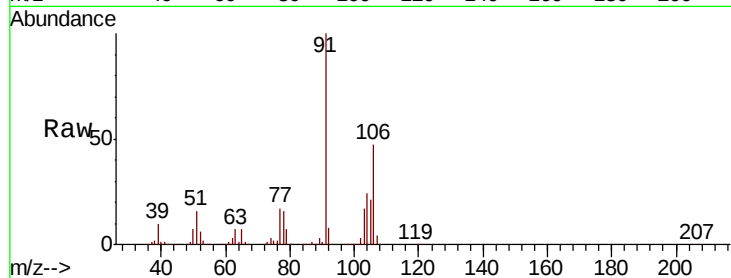




#69
o-Xylene
Concen: 50.163 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053944.D
Acq: 25 Feb 2019 21:50

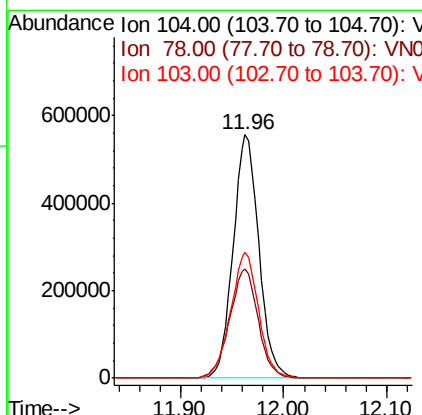
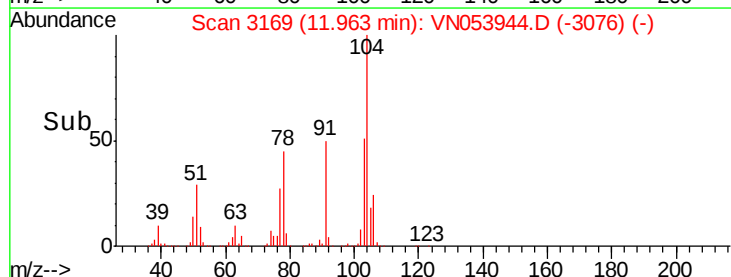
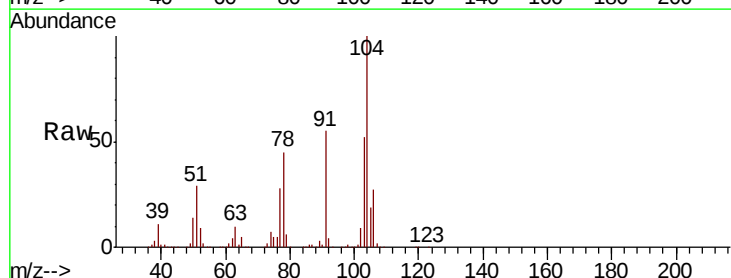
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

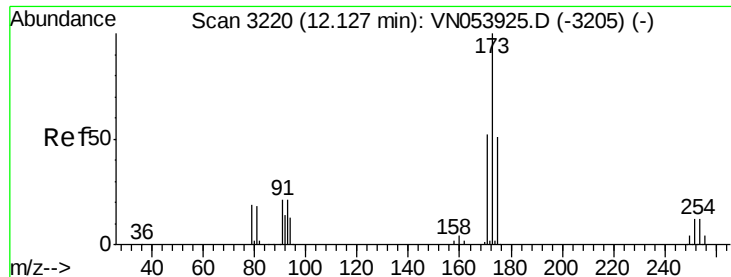
Tgt Ion:106 Resp: 602400
Ion Ratio Lower Upper
106 100
91 213.2 106.0 318.0



#70
Styrene
Concen: 52.479 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN053944.D
Acq: 25 Feb 2019 21:50

Tgt Ion:104 Resp: 969331
Ion Ratio Lower Upper
104 100
78 49.4 38.1 57.1
103 55.7 44.6 67.0





#71

Bromoform

Concen: 48.932 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN053944.D

Acq: 25 Feb 2019 21:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

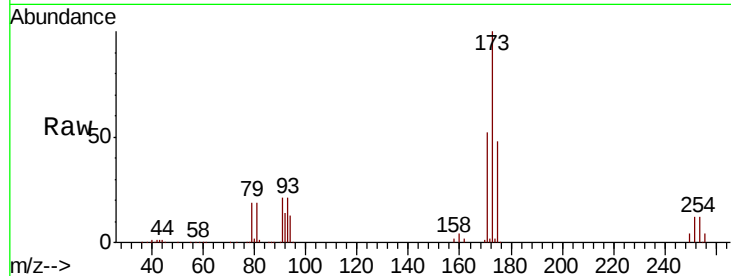
Tgt Ion:173 Resp: 236985

Ion Ratio Lower Upper

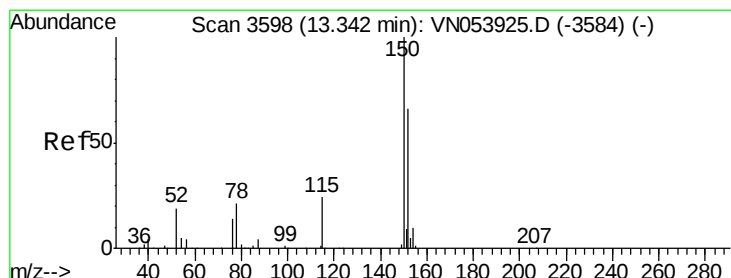
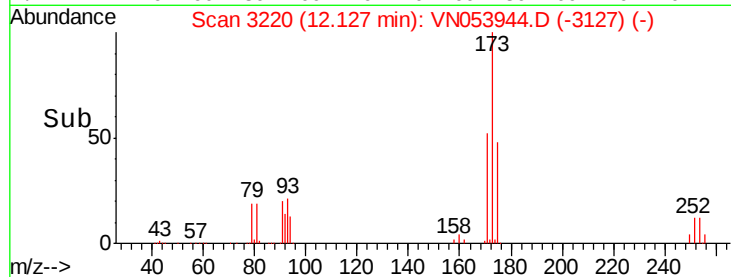
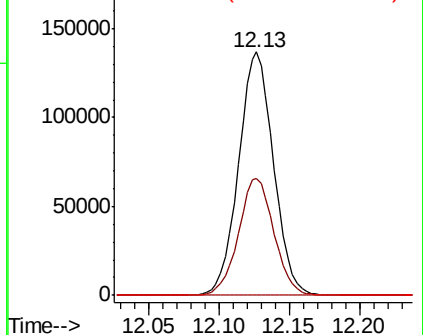
173 100

175 48.8 24.3 72.8

254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN053944.D

Acq: 25 Feb 2019 21:50

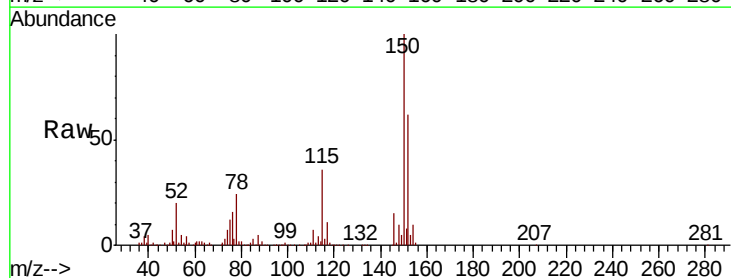
Tgt Ion:152 Resp: 426743

Ion Ratio Lower Upper

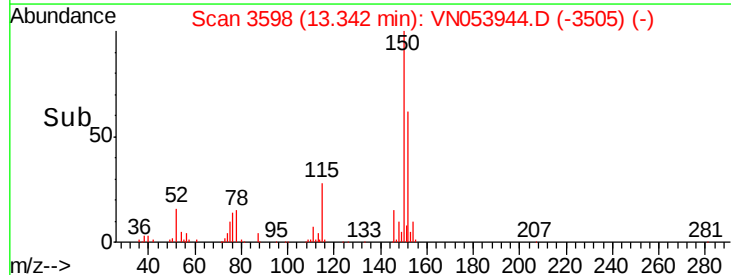
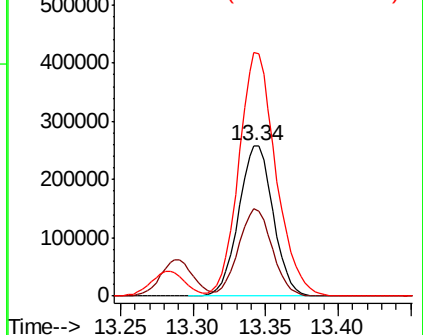
152 100

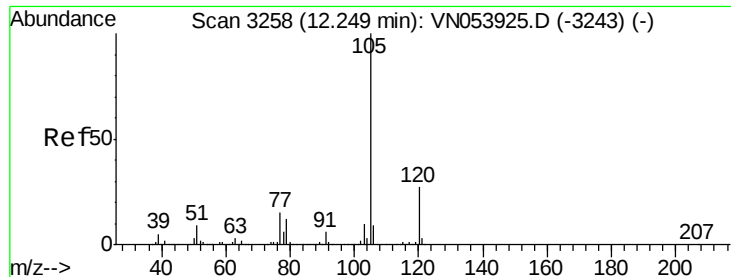
115 56.7 27.2 81.6

150 173.8 0.0 348.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.204 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053944.D

Acq: 25 Feb 2019 21:50

Instrument :

MSVOA_N

ClientSampleId :

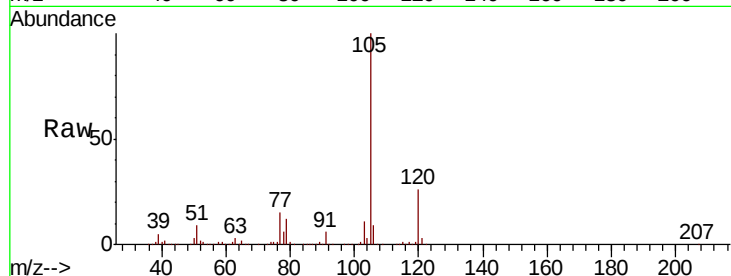
VSTDCCC050EC

Tgt Ion:105 Resp: 1568087

Ion Ratio Lower Upper

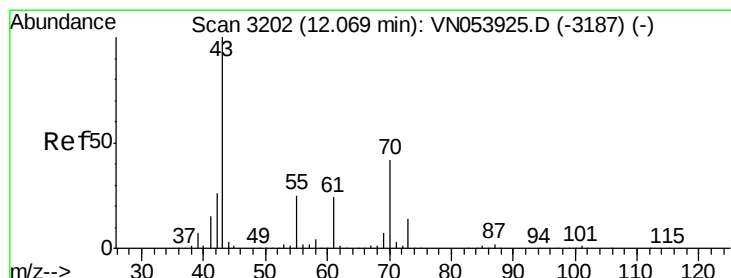
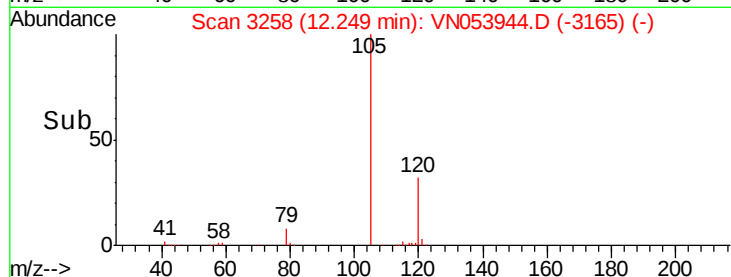
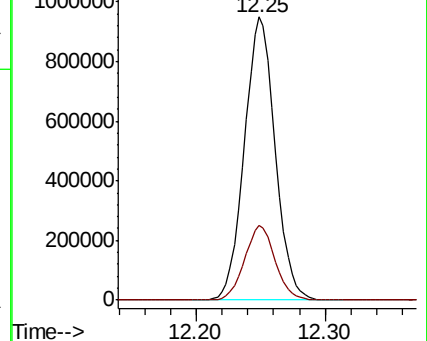
105 100

120 26.2 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.710 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN053944.D

Acq: 25 Feb 2019 21:50

Tgt Ion: 43 Resp: 450218

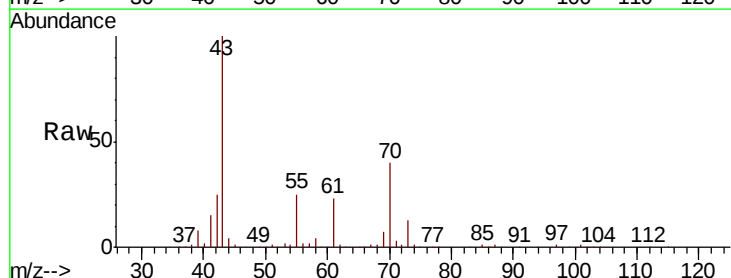
Ion Ratio Lower Upper

43 100

70 40.3 37.4 56.2

55 25.3 21.4 32.0

61 24.0 20.9 31.3

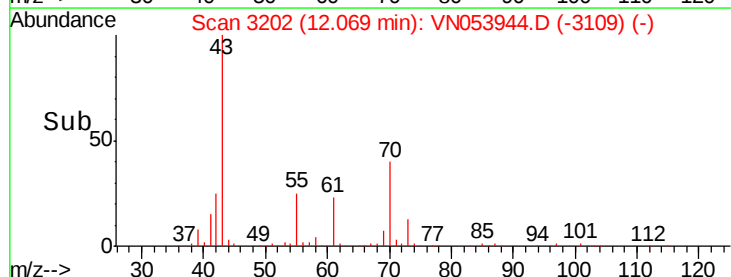
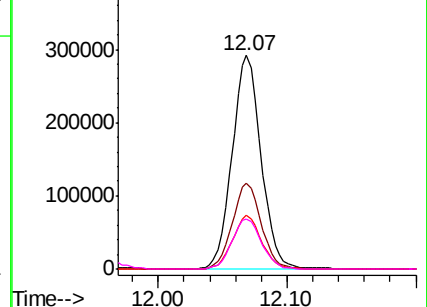


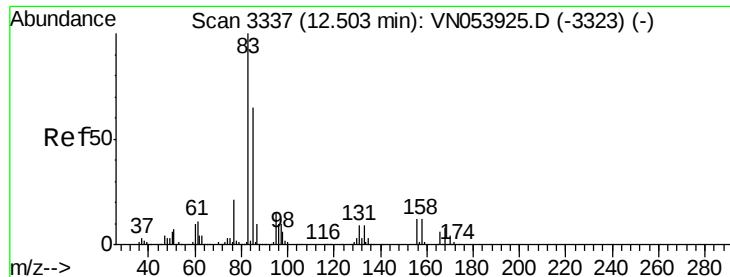
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 46.347 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN053944.D

Acq: 25 Feb 2019 21:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

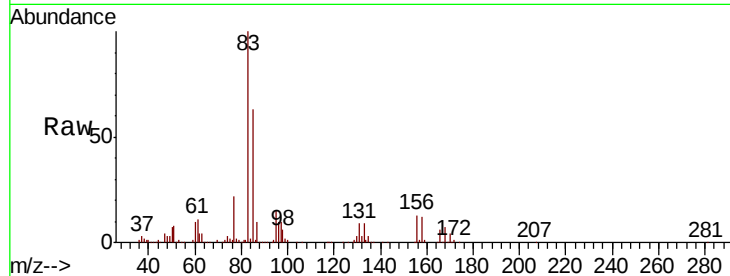
Tgt Ion: 83 Resp: 385005

Ion Ratio Lower Upper

83 100

131 9.6 5.3 16.1

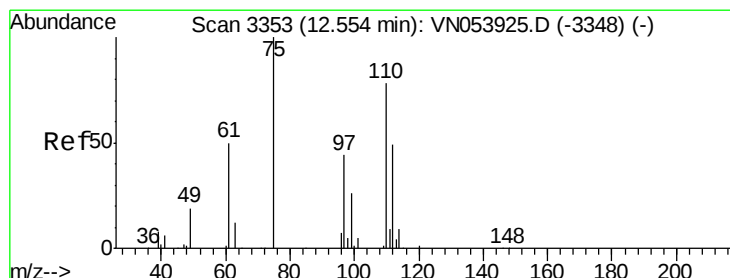
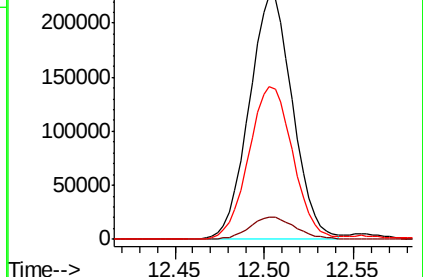
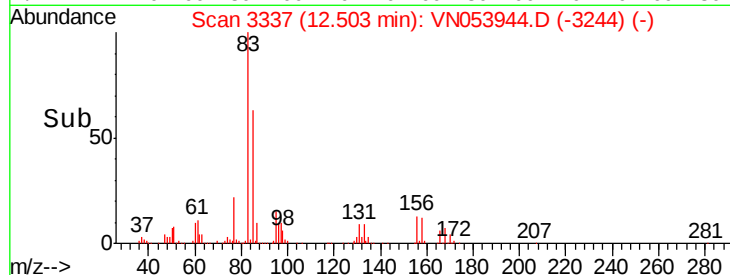
85 63.5 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VN053944.D (-3244) (-)

Ion 130.80 (130.50 to 131.50): VN053944.D (-3244) (-)

Ion 84.90 (84.60 to 85.60): VN053944.D (-3244) (-)



#76

1,2,3-Trichloropropane

Concen: 69.454 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN053944.D

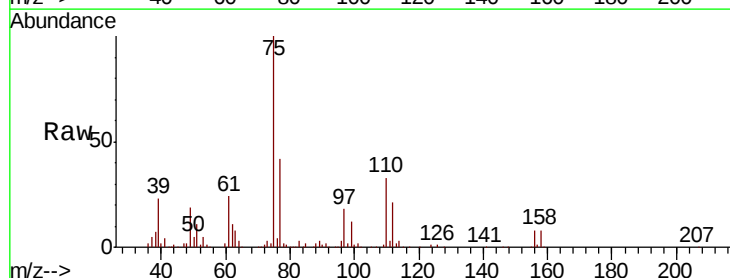
Acq: 25 Feb 2019 21:50

Tgt Ion: 75 Resp: 475463

Ion Ratio Lower Upper

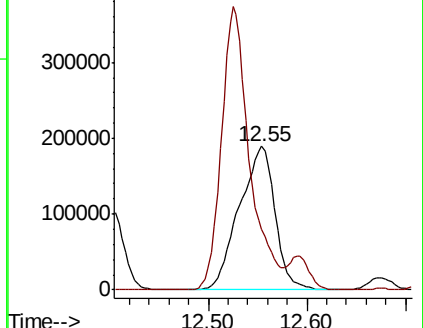
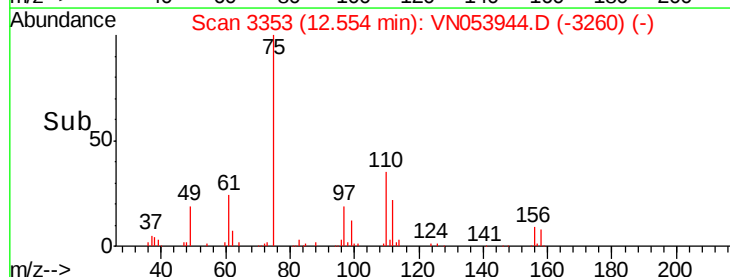
75 100

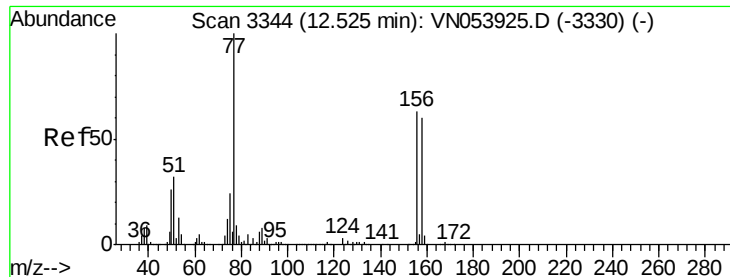
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN053944.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN053944.D (-3260) (-)





#77

Bromobenzene

Concen: 46.824 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN053944.D

Acq: 25 Feb 2019 21:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

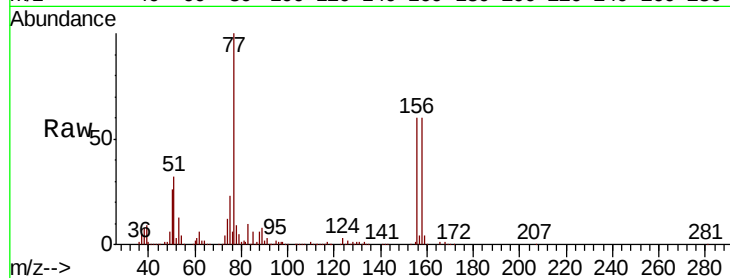
Tgt Ion:156 Resp: 394917

Ion Ratio Lower Upper

156 100

77 189.7 84.0 252.2

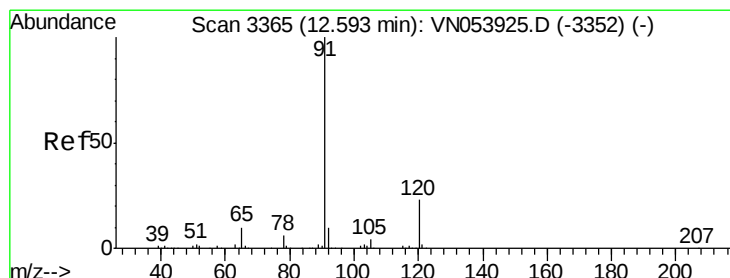
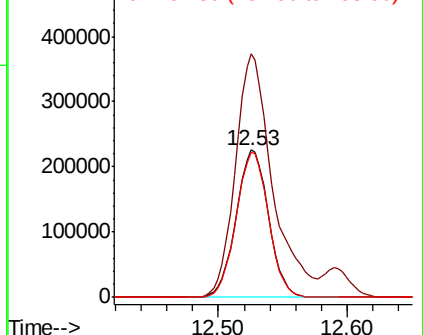
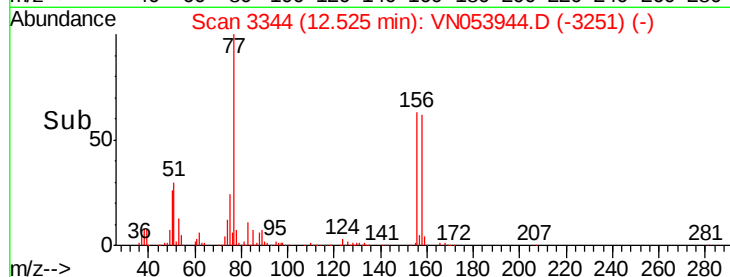
158 98.2 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.383 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN053944.D

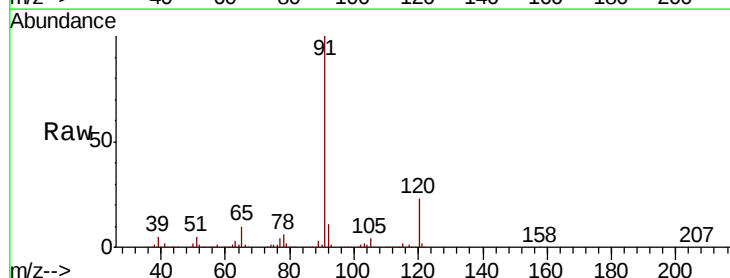
Acq: 25 Feb 2019 21:50

Tgt Ion: 91 Resp: 1827870

Ion Ratio Lower Upper

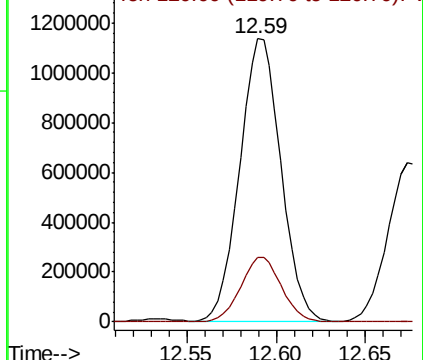
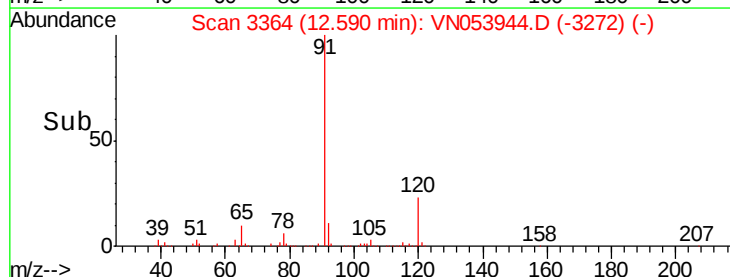
91 100

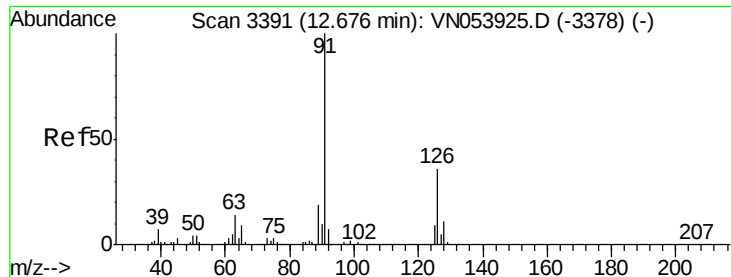
120 22.7 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.710 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN053944.D

Acq: 25 Feb 2019 21:50

Instrument :

MSVOA_N

ClientSampleId :

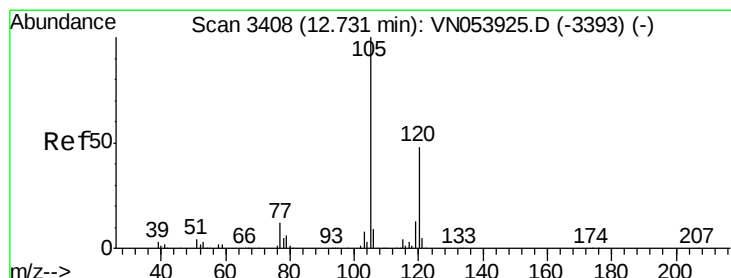
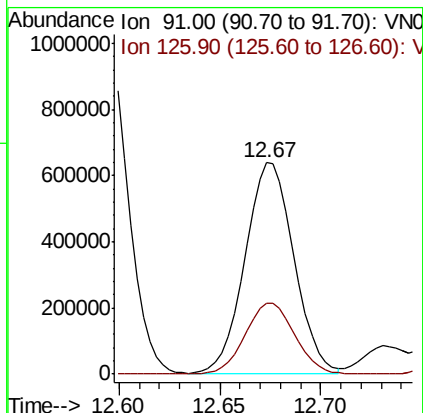
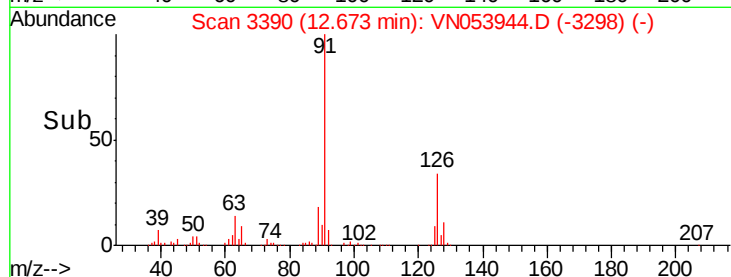
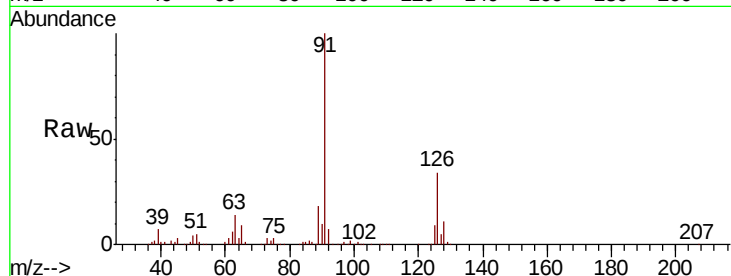
VSTDCCC050EC

Tgt Ion: 91 Resp: 1082761

Ion Ratio Lower Upper

91 100

126 34.3 18.1 54.4



#80

1,3,5-Trimethylbenzene

Concen: 48.568 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN053944.D

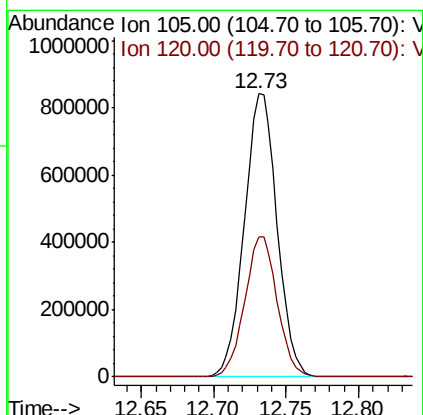
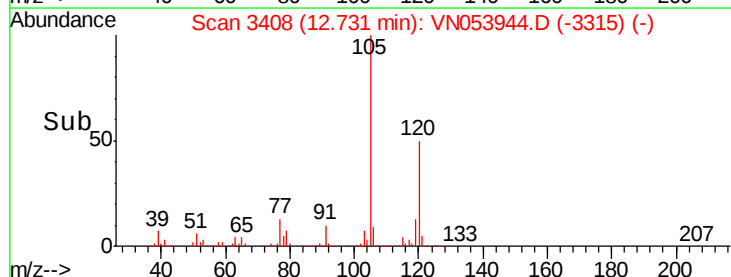
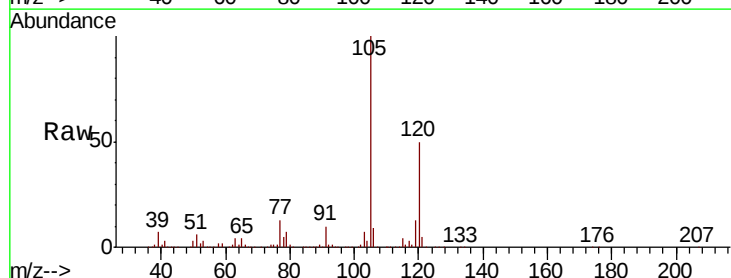
Acq: 25 Feb 2019 21:50

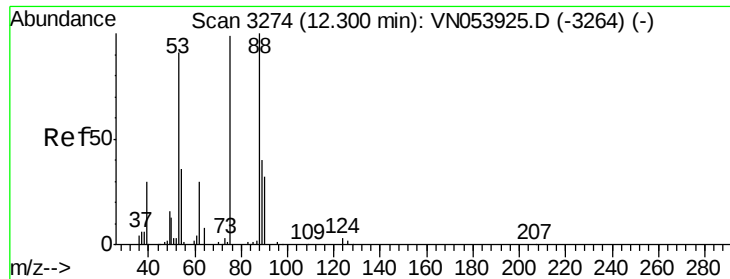
Tgt Ion: 105 Resp: 1320836

Ion Ratio Lower Upper

105 100

120 49.1 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 47.032 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN053944.D

Acq: 25 Feb 2019 21:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

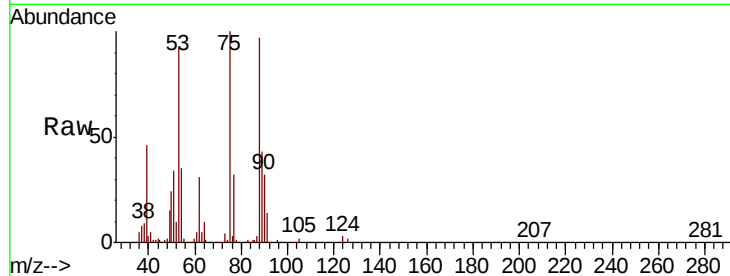
Tgt Ion: 75 Resp: 101868

Ion Ratio Lower Upper

75 100

53 96.3 68.6 102.8

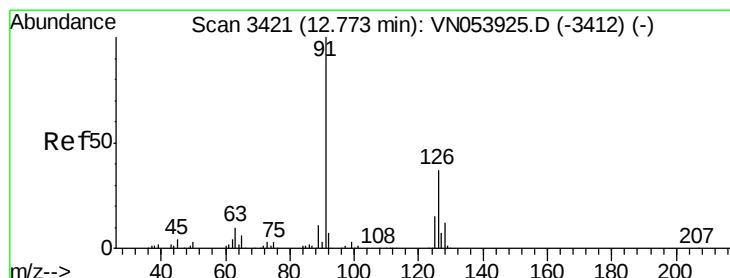
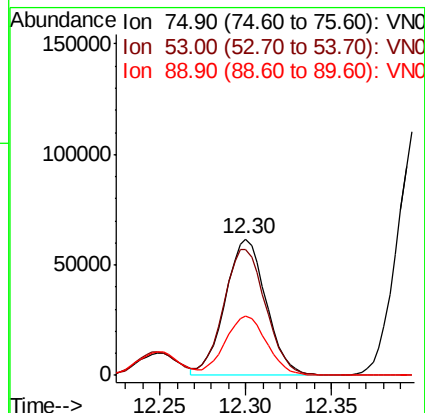
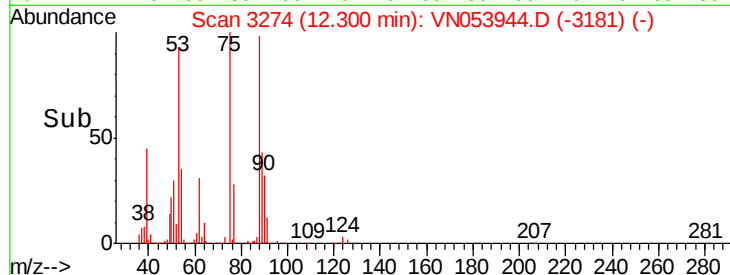
89 44.7 35.3 52.9



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 48.664 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN053944.D

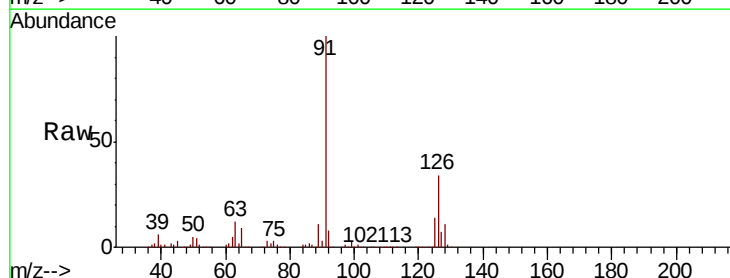
Acq: 25 Feb 2019 21:50

Tgt Ion: 91 Resp: 1091525

Ion Ratio Lower Upper

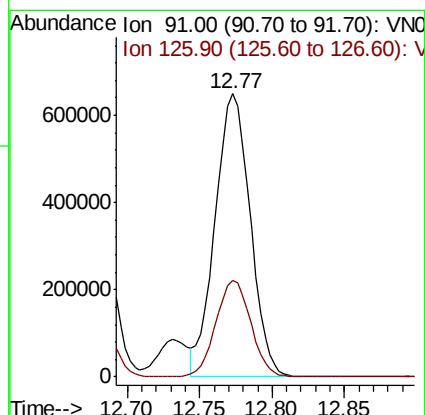
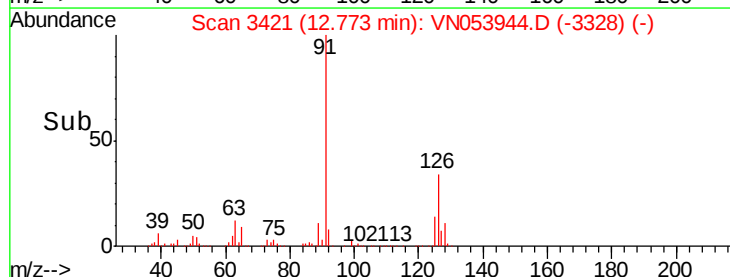
91 100

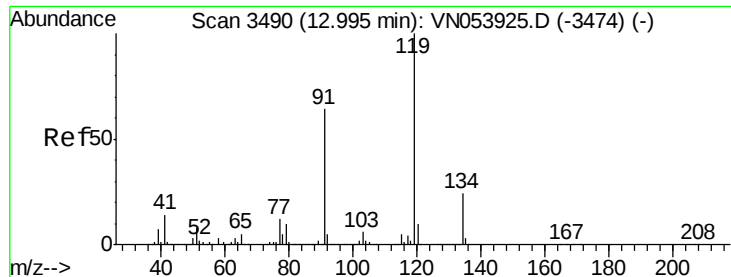
126 33.8 18.0 54.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

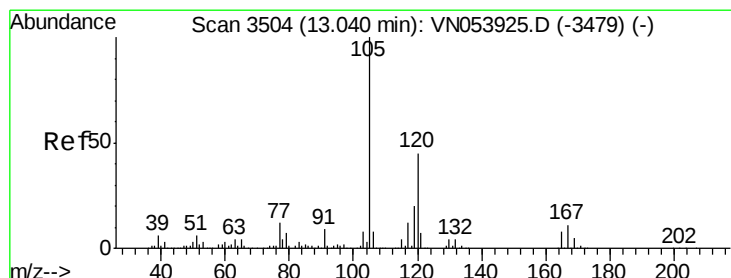
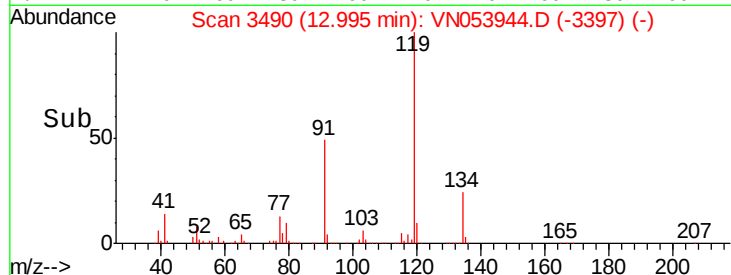
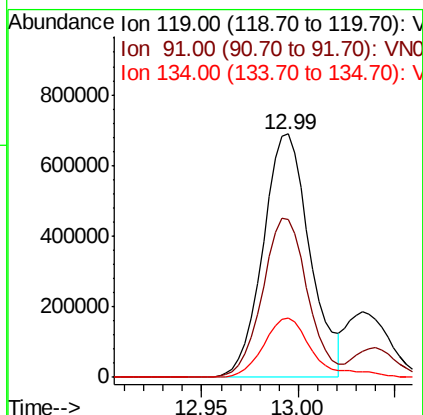
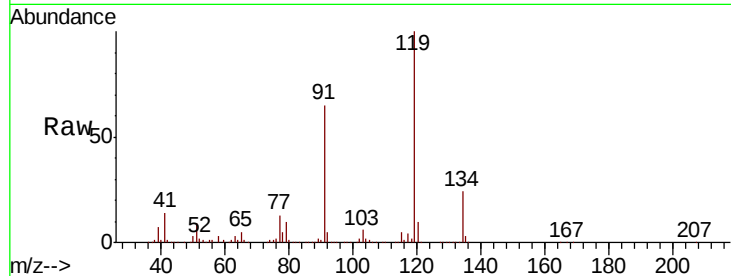




#83
 tert-Butylbenzene
 Concen: 48.378 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN053944.D
 Acq: 25 Feb 2019 21:50

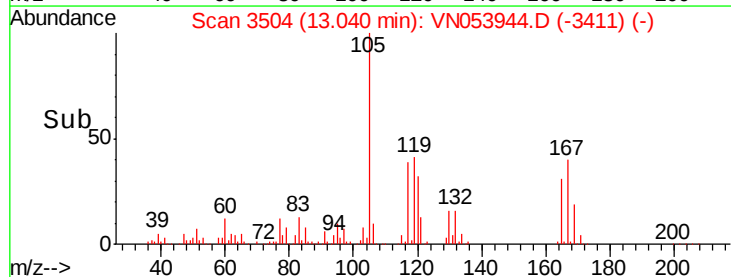
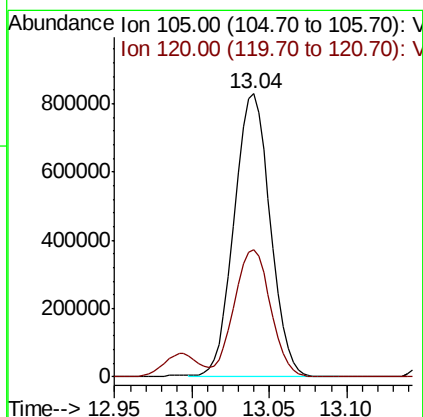
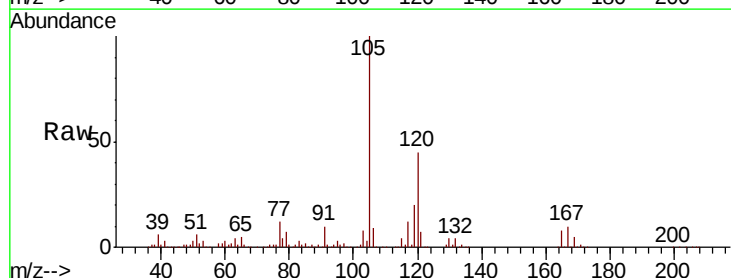
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

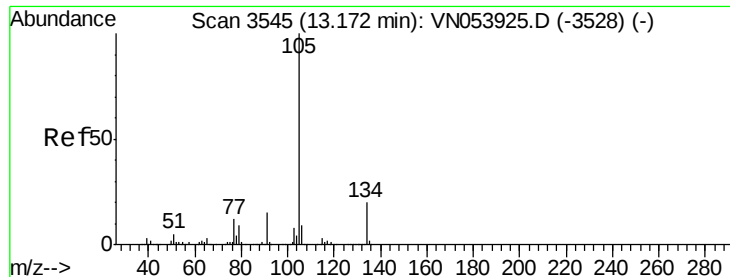
Tgt Ion:119 Resp: 1163608
 Ion Ratio Lower Upper
 119 100
 91 62.9 30.6 91.8
 134 25.5 13.0 39.0



#84
 1,2,4-Trimethylbenzene
 Concen: 49.464 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN053944.D
 Acq: 25 Feb 2019 21:50

Tgt Ion:105 Resp: 1342962
 Ion Ratio Lower Upper
 105 100
 120 45.6 23.2 69.5





#85

sec-Butylbenzene

Concen: 47.968 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN053944.D

Acq: 25 Feb 2019 21:50

Instrument :

MSVOA_N

ClientSampleId :

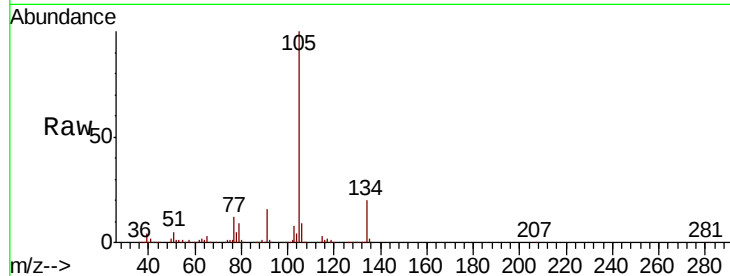
VSTDCCC050EC

Tgt Ion:105 Resp: 1575817

Ion Ratio Lower Upper

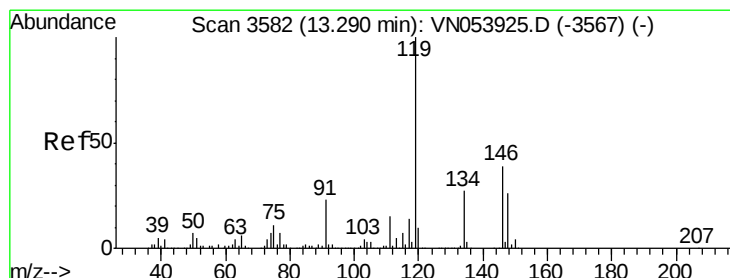
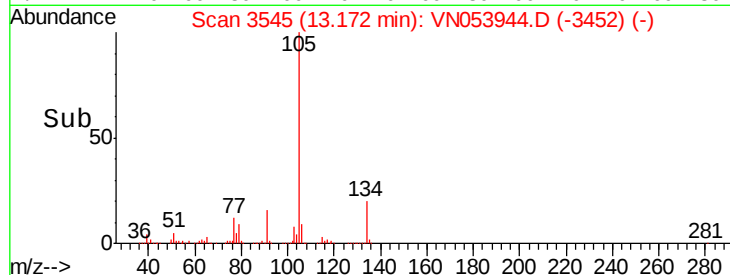
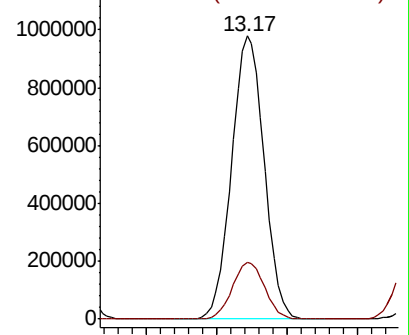
105 100

134 20.0 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.635 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN053944.D

Acq: 25 Feb 2019 21:50

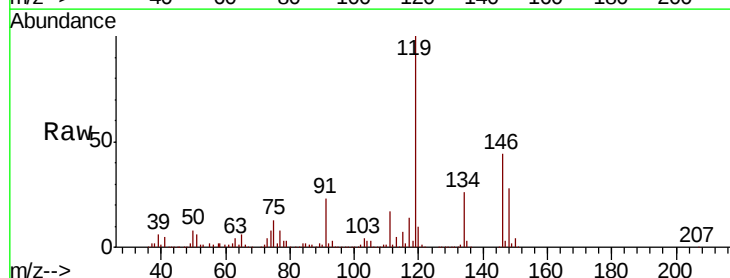
Tgt Ion:119 Resp: 1350708

Ion Ratio Lower Upper

119 100

134 26.6 13.5 40.4

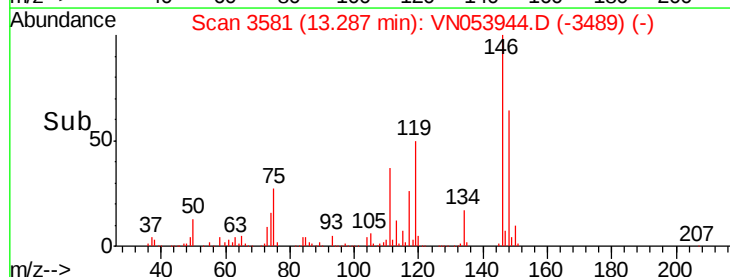
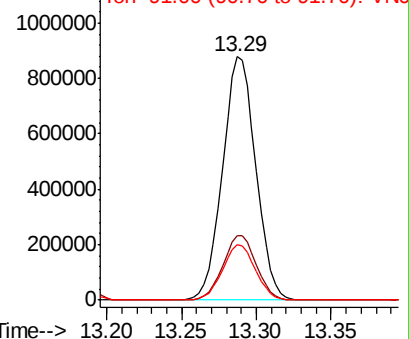
91 22.5 10.9 32.6

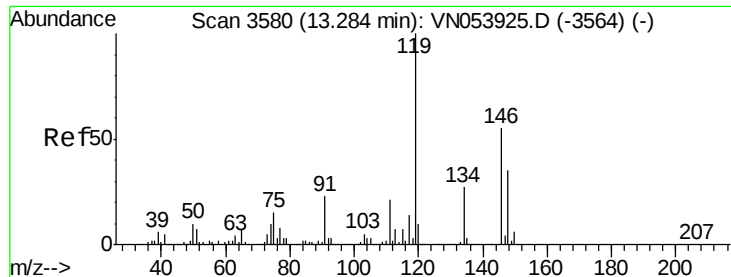


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

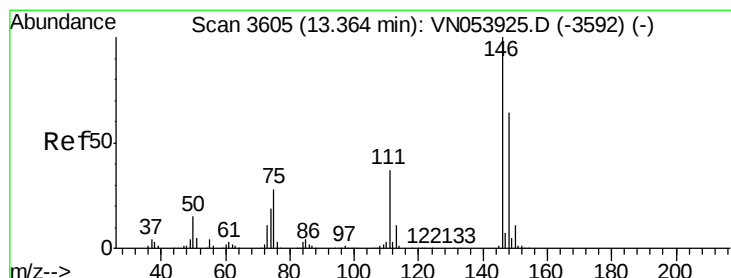
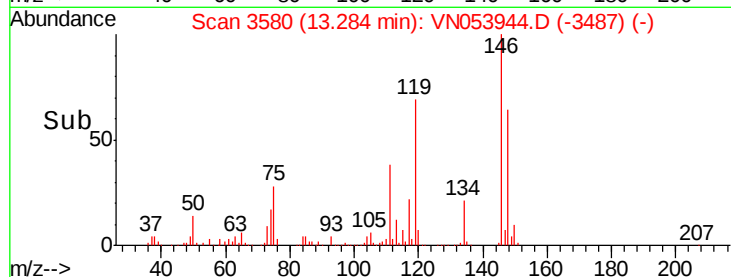
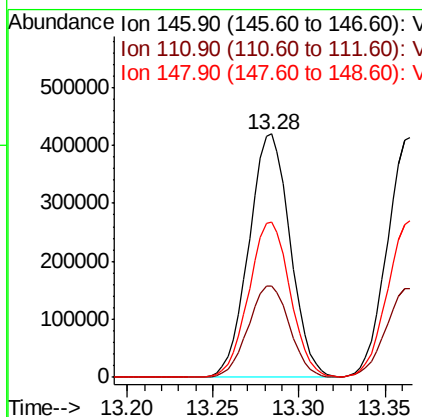
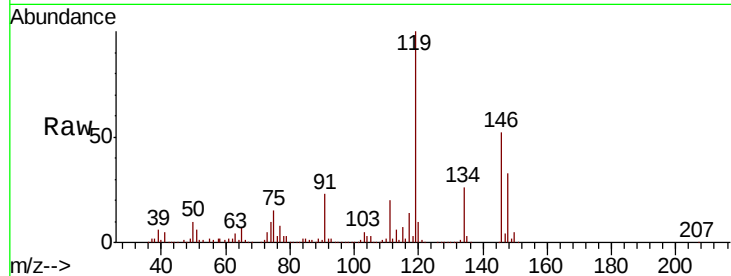




#87
 1,3-Dichlorobenzene
 Concen: 47.950 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN053944.D
 Acq: 25 Feb 2019 21:50

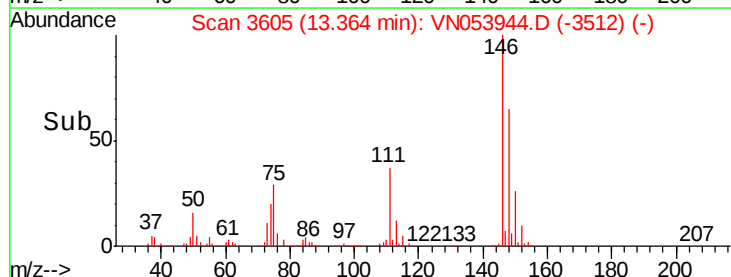
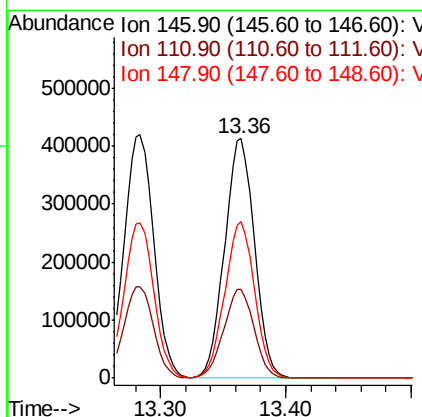
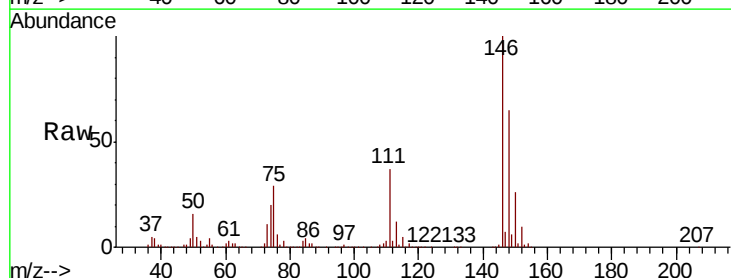
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

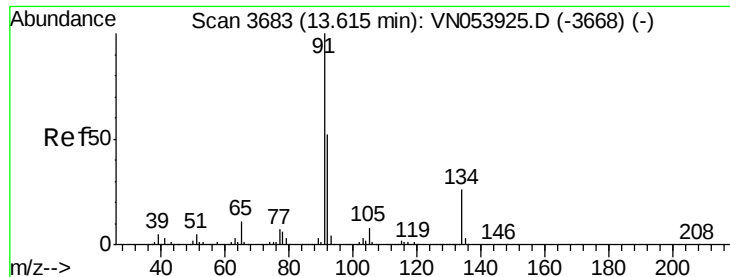
Tgt Ion:146 Resp: 699602
 Ion Ratio Lower Upper
 146 100
 111 37.9 18.7 56.1
 148 63.9 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 48.221 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN053944.D
 Acq: 25 Feb 2019 21:50

Tgt Ion:146 Resp: 682567
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.0 54.0
 148 64.9 32.1 96.5





#89

n-Butylbenzene

Concen: 49.577 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN053944.D

Acq: 25 Feb 2019 21:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

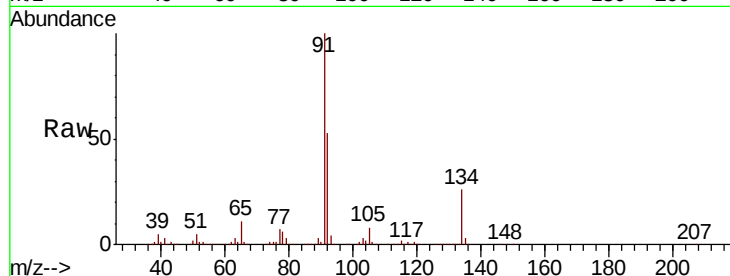
Tgt Ion: 91 Resp: 1160373

Ion Ratio Lower Upper

91 100

92 52.0 26.1 78.2

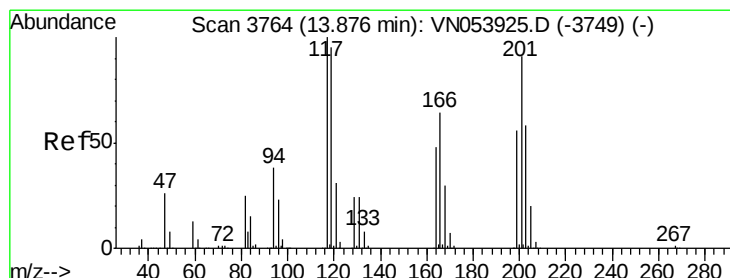
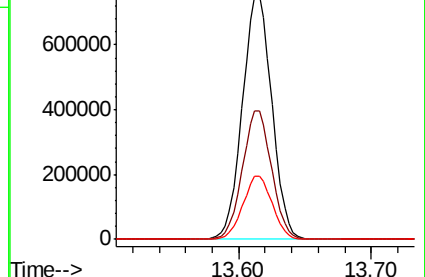
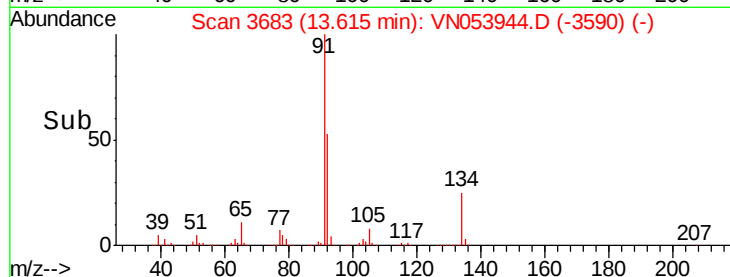
134 25.9 13.6 40.8



Abundance Ion 91.00 (90.70 to 91.70): VN053925.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN053925.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN053925.D (-3668) (-)



#90

Hexachloroethane

Concen: 45.743 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. -0.00 min

Lab File: VN053944.D

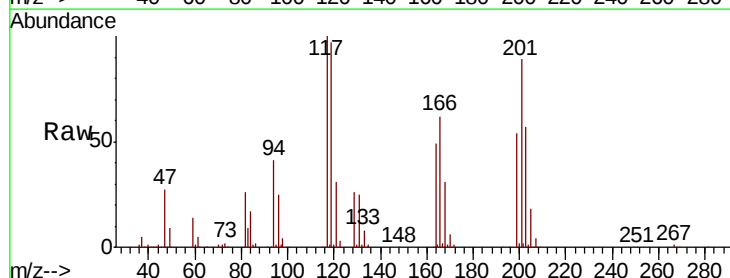
Acq: 25 Feb 2019 21:50

Tgt Ion: 117 Resp: 246176

Ion Ratio Lower Upper

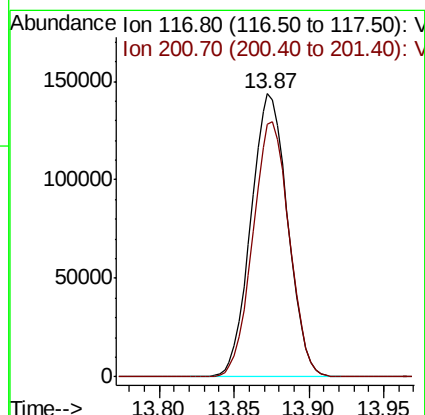
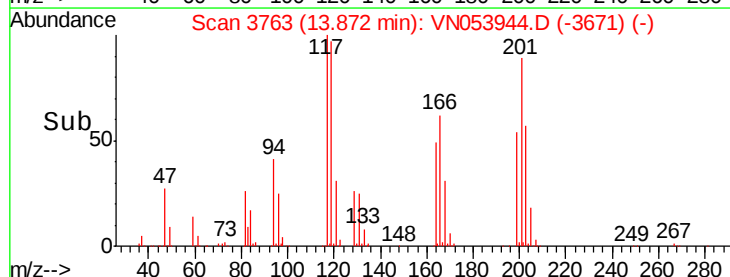
117 100

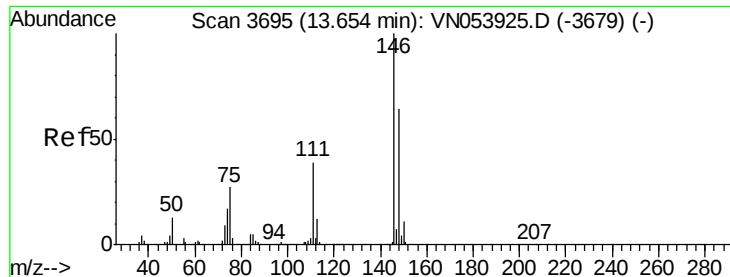
201 89.1 48.0 144.2



Abundance Ion 116.80 (116.50 to 117.50): VN053925.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN053925.D (-3749) (-)

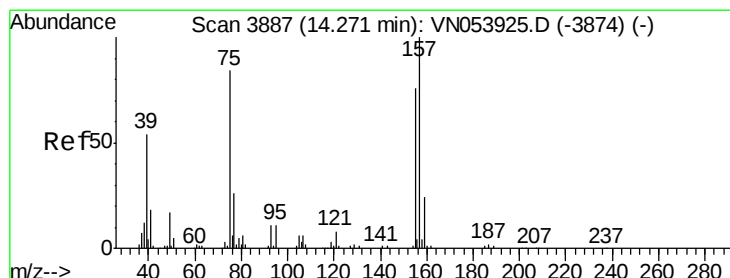
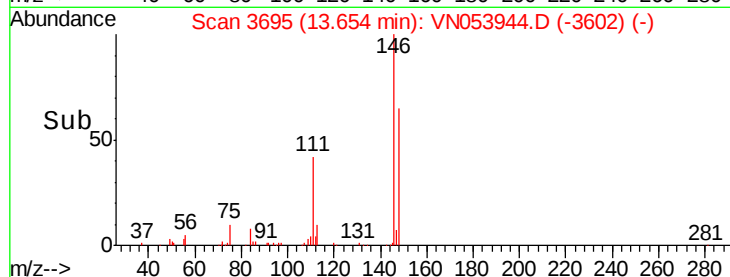
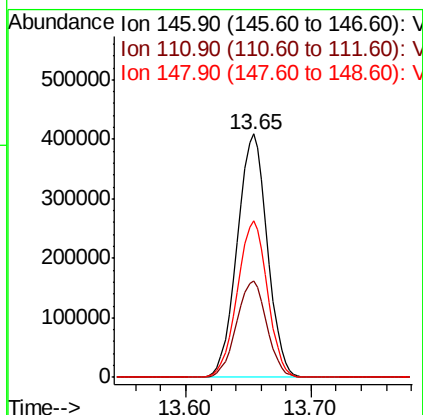
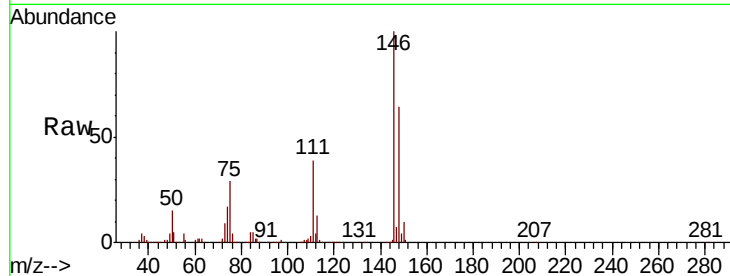




#91
 1,2-Dichlorobenzene
 Concen: 48.275 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN053944.D
 Acq: 25 Feb 2019 21:50

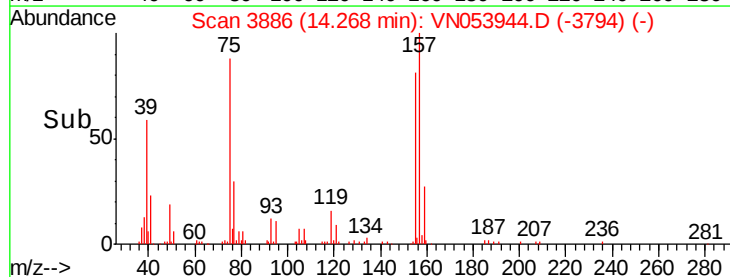
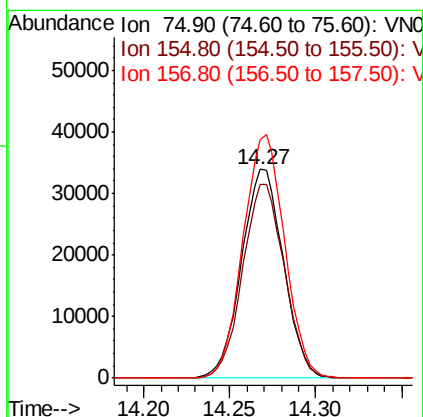
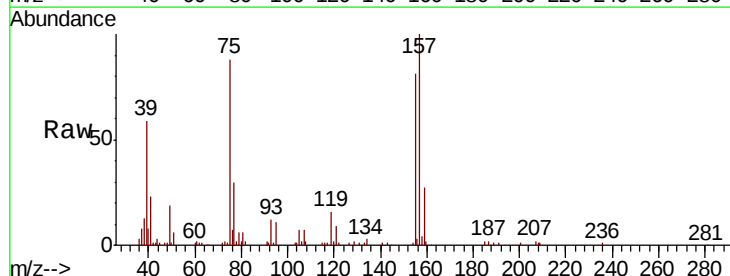
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

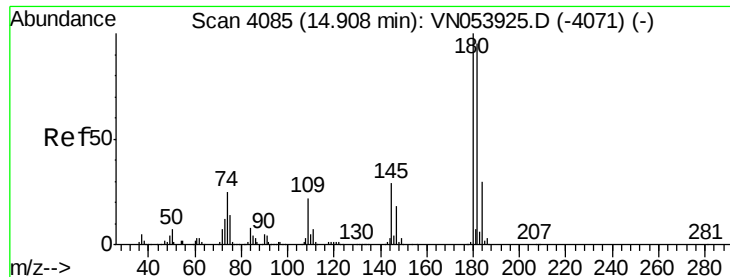
Tgt Ion: 146 Resp: 681802
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.1 57.5
 148 64.2 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.733 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN053944.D
 Acq: 25 Feb 2019 21:50

Tgt Ion: 75 Resp: 57209
 Ion Ratio Lower Upper
 75 100
 155 92.7 49.5 148.5
 157 115.7 64.8 194.6

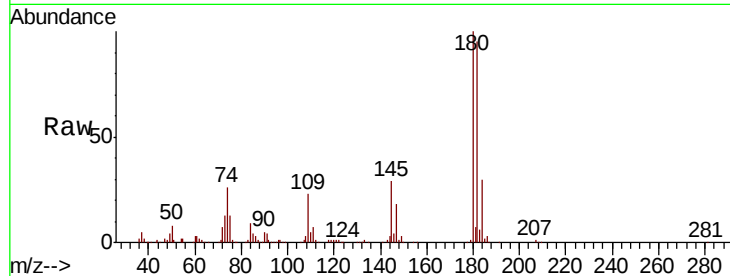




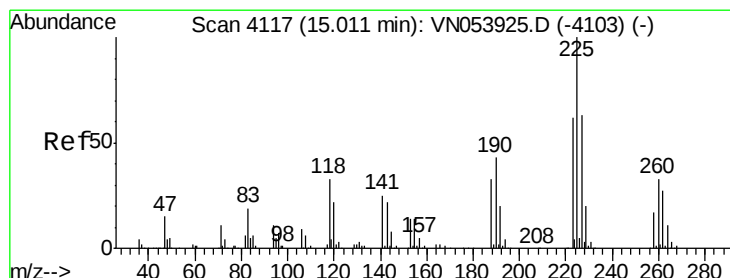
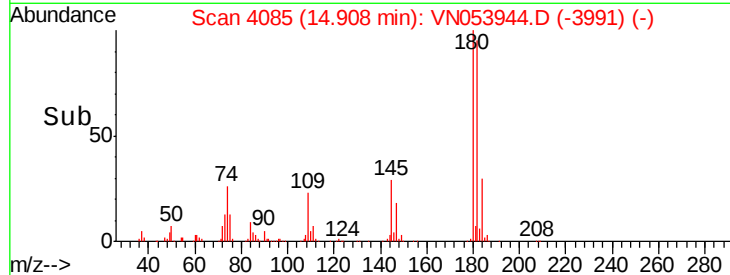
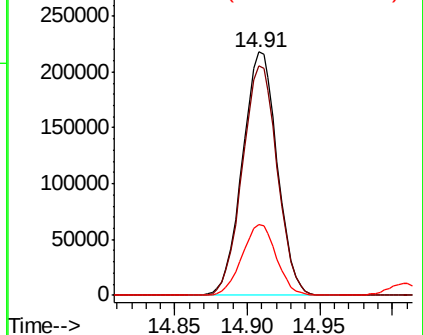
#93
 1,2,4-Trichlorobenzene
 Concen: 46.486 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN053944.D
 Acq: 25 Feb 2019 21:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 363339
 Ion Ratio Lower Upper
 180 100
 182 94.9 48.6 145.9
 145 28.8 13.8 41.3

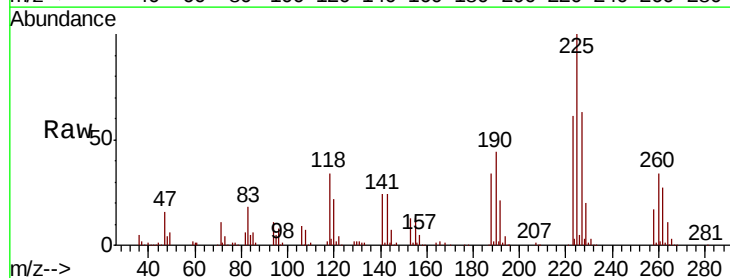


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

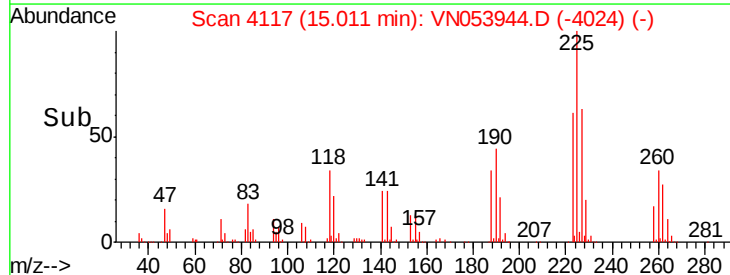
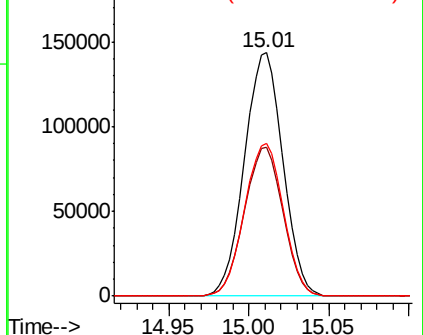


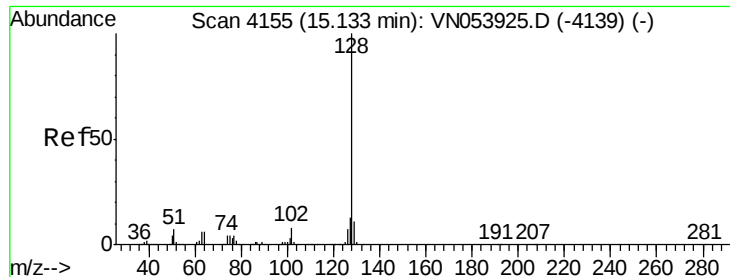
#94
 Hexachlorobutadiene
 Concen: 46.192 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN053944.D
 Acq: 25 Feb 2019 21:50

Tgt Ion:225 Resp: 235662
 Ion Ratio Lower Upper
 225 100
 223 61.5 30.9 92.5
 227 63.3 32.5 97.4



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

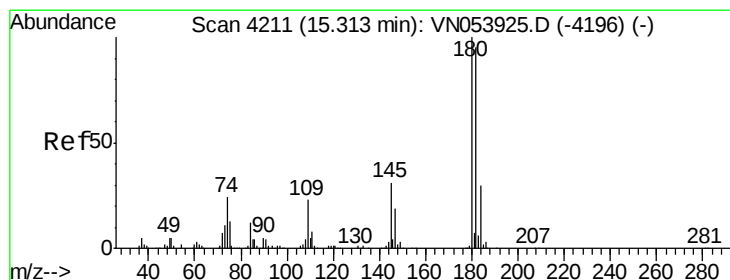
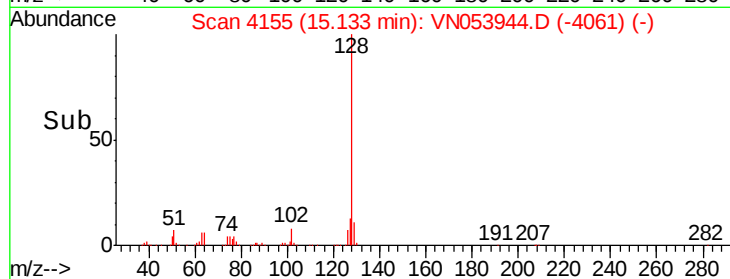
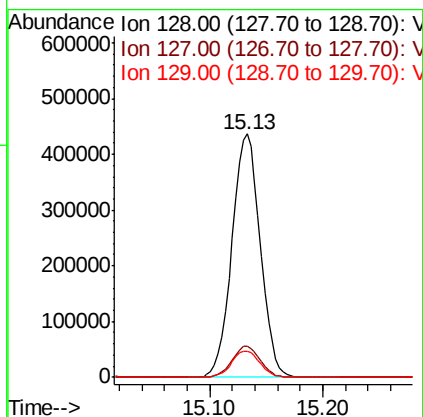
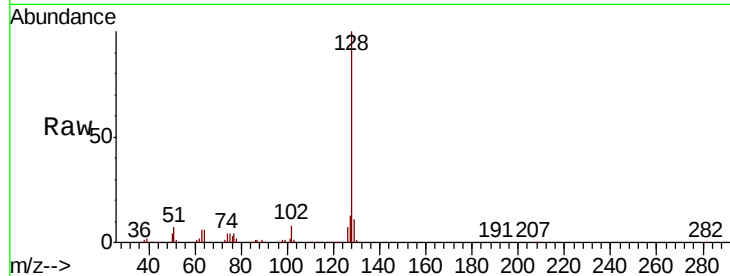




#95
Naphthalene
Concen: 45.258 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053944.D
Acq: 25 Feb 2019 21:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 759222
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.9 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 47.029 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN053944.D
Acq: 25 Feb 2019 21:50

Tgt Ion:180 Resp: 353116
Ion Ratio Lower Upper
180 100
182 95.5 47.3 141.8
145 30.1 14.4 43.0

